

# Prepp

## Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPSC



UPTET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

# SBI Clerk 2018 (Mains) Memory-Based Test (05-Aug-2018)

Total Time: 2 Hour : 40 Minute

Total Marks: 200

## Instructions

Sl No.	Section Name	No. of Question	Maximum Marks	Negative Marks	Positive Marks
1	General/Financial Awareness	50	50	0.25	1
2	General English	40	40	0.25	1
3	Quantitative Aptitude	50	50	0.25	1
4	Reasoning Ability & Computer Aptitude	50	60	0.3	1.2

- 1.) A total of 160 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

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Your Personal Exams Guide

## General/Financial Awareness

1. In May 2018, Which country won the women's Asian Hockey Champions Trophy 2018? (+1, -0.25)
- a. India
  - b. South Korea
  - c. Pakistan
  - d. Australia
  - e. England
- 
2. What is the approved corpus for the "Micro Irrigation Fund" under Pradhan Mantri Krishi Sinchayee Yojana? (+1, -0.25)
- a. Rs. 5,000 crore
  - b. Rs. 3,000 crore
  - c. Rs. 1,000 crore
  - d. Rs. 8,000 crore
  - e. Rs. 10,000 crore
- 
3. Which of the following is hosting the ASEAN India Film Festival 2018? (+1, -0.25)
- a. Goa
  - b. Singapore
  - c. New Delhi
  - d. Kuala Lumpur
  - e. Pattaya
- 
4. United Nations Development Programme will soon set up a skill development centre at 'Bharosa,' in \_\_\_\_\_. (+1, -0.25)
- a. Delhi
  - b. Visakhapatnam
  - c. Mumbai
  - d. Hyderabad
  - e. Indore
-

5. Ajay Thakur is related to which sport? (+1, -0.25)

- a. Badminton
- b. Basketball
- c. Kabaddi
- d. Football
- e. Cricket

6. Where is the headquarters of International Organization for Migration (IOM) located? (+1, -0.25)

- a. Russia
- b. United Kingdom
- c. Italy
- d. Spain
- e. Switzerland

7. Where is the headquarters of Asian Infrastructure Investment Bank (AIIB) located? (+1, -0.25)

- a. Seoul
- b. Naypyidaw
- c. Jakarta
- d. Beijing
- e. New Delhi

8. 'Digital gold' is a new way to store, sell and buy gold instantly. Which of the following company has launched 'Digital Gold'? (+1, -0.25)

- a. ICICI Bank
- b. Malabar Gold and Diamonds
- c. Gitanjali jewellers
- d. Paytm
- e. Airtel Money

9. Communications Compatibility and Security Agreement (COMCASA) is a military communication agreement to provide high-end communication security equipment to India. (+1, -0.25)

Which of the following countries is providing these equipments?

- a. China
- b. Russia
- c. Israel
- d. USA
- e. France

10. Where is the secretariat office of SAARC Development Fund (SDF) located? (+1, -0.25)

- a. Sri Lanka
- b. Bhutan
- c. Pakistan
- d. India
- e. Maldives

11. On 21 May 2018, Indian Prime Minister Narendra Modi and Russian President Vladimir Putin held their first informal summit. The summit was held in which of the following city? (+1, -0.25)

- a. Sochi, Russia
- b. New Delhi, India
- c. Saint Petersburg, Russia
- d. Varanasi, India
- e. Moscow, Russia

12. Which of the following is an umbrella organisation for all retail payments in India? (+1, -0.25)

- a. RBI
- b. SEBI
- c. NPCI
- d. HBI

e. NABARD

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13. World Environment Day is celebrated on 5<sup>th</sup> June every year. What was the theme of World Environment Day 2018? (+1, -0.25)

- a. Reduce, Reuse and Recycle plastic
- b. Beat plastic pollution
- c. Connecting people to nature
- d. Say no to plastic for life
- e. Caring for all life under the Sun

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14. According to 2011 census, which of the following was the least spoken language in India? (+1, -0.25)

- a. Malayalam
- b. Odia
- c. Sanskrit
- d. Dogri
- e. Sindhi

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15. The 23<sup>rd</sup> FIFA World Cup will be organised in the year 2026. Which group of countries will host the 2026 FIFA World Cup? (+1, -0.25)

- a. France, Germany, Italy
- b. Australia, New Zealand, Indonesia
- c. Brazil, Peru, Argentina
- d. Spain, UK, Croatia
- e. United States, Canada, Mexico

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16. For which of the following movies did Bhumi Pednekar win best actress award at Dadasaheb Phalke Film Foundation Awards 2018? (+1, -0.25)

- a. Dum Laga Ke Haisha
- b. Shubh Mangal Saavdhan
- c. Toilet: Ek Prem Katha

- d. Lust Stories
- e. Sonchiraiya

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17. Where is Pilibhit Tiger Reserve located?

(+1, -0.25)

- a. Madhya Pradesh
- b. Uttar Pradesh
- c. Bihar
- d. Karnataka
- e. Jharkhand

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18. The two day 'Kabir Mahotsav' was organized in Sant Kabir Nagar of Uttar Pradesh. The festival was organised by which of the following?

(+1, -0.25)

- a. Ministry of Human Resource Development
- b. Ministry of External Affairs
- c. Ministry of Culture
- d. NITI Aayog
- e. Ministry of Tourism

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19. Small Industries Development Bank of India (SIDBI) has charted a plan to promote micro-enterprises in various districts of India. How many districts has SIDBI selected for the purpose?

(+1, -0.25)

- a. 105
- b. 100
- c. 110
- d. 115
- e. 120

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20. National Company Law Tribunal (NCLT) has approved the merger of Telenor India with which of following Indian telecom company?

(+1, -0.25)

- a. Airtel
- b. Idea

- c. Vodafone
- d. BSNL
- e. Jio

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21. Shujaat Bukhari, who was shot dead on 14, June 2018 in Srinagar. He was the editor of which newspaper? (+1, -0.25)

- a. Daily Kashmir
- b. Kashmir Times
- c. Rising Kashmir
- d. Hindustan Times
- e. The Tribune

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22. To support incubating startups that work in the field of livelihood, education and health Bharat Inclusion Initiative is launched. Which institute has launched this initiative? (+1, -0.25)

- a. IIT Kanpur
- b. IISc Bangalore
- c. IIM Calcutta
- d. IIT Madras
- e. IIM Ahmedabad

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23. Which country hosted the International Conference on Telecommunications (ICT) in June 2018? (+1, -0.25)

- a. France
- b. UAE
- c. Germany
- d. China
- e. Austria

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24. Which of the following is the title given to an asset for its residual value? (+1, -0.25)

- a. Diminished
- b. Shrink
- c. Taper

- d. Salvage
- e. None of the above

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25. Hirakud Dam is located in which Indian state? (+1, -0.25)

- a. Jharkhand
- b. Chattisgarh
- c. Andhra Pradesh
- d. West Bengal
- e. Odisha

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26. The main aim of the Asian Development Bank (ADB) is to promote social and economic development in Asia. (+1, -0.25)  
Where is the headquarters of ADB located?

- a. Mumbai, India
- b. Tokyo, Japan
- c. Bangkok, Thailand
- d. Manila, Philippines
- e. Kuala Lumpur, Malaysia

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27. Where is Dudhwa National Park located? (+1, -0.25)

- a. Rajasthan
- b. Assam
- c. Uttar Pradesh
- d. Bihar
- e. Madhya Pradesh

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28. Which state will host the 5<sup>th</sup> International Conference on Human Excellence through Yoga in February 2019? (+1, -0.25)

- a. Himachal Pradesh
- b. Uttar Pradesh
- c. Uttarakhand
- d. Bihar

e. Punjab

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29. LSR is a mismatch on bank's balance sheets. What is the meaning of 'L' in 'LSR'? (+1, -0.25)

- a. Least
  - b. Liquidity
  - c. Legal
  - d. Low
  - e. Limit
- 

30. Lusaka is the capital city of which country? (+1, -0.25)

- a. Zambia
  - b. South Sudan
  - c. Nigeria
  - d. Morocco
  - e. Kenya
- 

31. How much amount will be expanded by NABARD in the fiscal (2018-19) to improve the rural economy? (+1, -0.25)

- a. ₹ 50,000 crore
  - b. ₹ 80,000 crore
  - c. ₹ 90,000 crore
  - d. ₹ 100,000 crore
  - e. ₹ 110,000 crore
- 

32. Which country hosted ICC Women's World Twenty20 2018? (+1, -0.25)

- a. Australia
- b. England
- c. South Africa
- d. West Indies
- e. India

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33. SEBI has re-constituted a 27 member committee to suggest a roadmap for developing the corporate bond market in the country? Who is the head of this committee? (+1, -0.25)

- a. R.D Singh
- b. T.N Mishra
- c. Alok Verma
- d. A.P Singh
- e. H.R Khan

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34. As on 10 August 2018, who is the captain of Indian women hockey team? (+1, -0.25)

- a. Preeti Dubey
- b. Ritu Rani
- c. Rani Rampal
- d. Sushila Chanu
- e. Neha Goyal

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35. CAGR is a measure of annual growth rate. For what does 'C' in 'CAGR' stands for? (+1, -0.25)

- a. Common
- b. Country
- c. Capital
- d. Compound
- e. Commodity

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36. Which of the following is related to ARC in banking? (+1, -0.25)

- a. UPI
- b. Debit cards
- c. HBI
- d. NPA
- e. None of these

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37. Where is the headquarters of Organisation for Economic Cooperation and Development? (+1, -0.25)

- a. Russia
- b. Austria
- c. France
- d. Italy
- e. Canada

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38. A type of debt instrument that is not secured by physical assets is known as? (+1, -0.25)

- a. Collateral
- b. Debenture
- c. Bond
- d. Indenture
- e. None of the above

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39. Which of the following is a customized contract between two parties to buy or sell assets on a specified price on a future date? (+1, -0.25)

- a. Post date agreement
- b. New trading
- c. Forward contract
- d. Insider trading
- e. None of these

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40. Where is Indira Sagar Dam located? (+1, -0.25)

- a. Uttar Pradesh
- b. Bihar
- c. Karnataka
- d. Rajasthan
- e. Madhya Pradesh

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41. The procedure where an issuer designs a financial instrument and list them as securities to earn money is known as? (+1, -0.25)

- a. Debenture forming

- b. Securitization
- c. Transformed money
- d. Capital transformation
- e. Dear money

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42. Malabo is the capital city of which country? (+1, -0.25)

- a. Republic of Congo
- b. Chad
- c. South Sudan
- d. Equatorial Guinea
- e. Djibouti

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43. A company that exists only on paper and has no office and no employees, it may have a bank account. These type of companies are known as? (+1, -0.25)

- a. Shell companies
- b. Dear companies
- c. Void companies
- d. Null Assets
- e. Free companies

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44. Which of the following is defined as the loan for a senior citizen, who has a self-acquired or self-occupied home? (+1, -0.25)

- a. Mortgage system
- b. Senior citizen loan
- c. Reverse Mortgage system
- d. Senior citizen capital loan
- e. None of these

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45. PMLA is an act by Indian government to curb black money. For what does 'P' in 'PMLA' stands for? (+1, -0.25)

- a. People
- b. Proper

- c. Prevention
- d. Prime
- e. Power

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46. Reserve Bank of India (RBI) has approved the merger of Bharat Financial Inclusion with which of the following banks? (+1, -0.25)

- a. HDFC
- b. IDFC
- c. DCB
- d. RBL
- e. IndusInd

---

47. Who serves as the chairperson of Financial Stability and Development Council (FSDC)? (+1, -0.25)

- a. Prime Minister
- b. Chairman of SEBI
- c. Governor of RBI
- d. Union Finance Minister
- e. Chief Economic Advisor

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48. When a company or a person is unable to repay their outstanding debts, it is known as? (+1, -0.25)

- a. NPA
- b. Bankruptcy
- c. Fraud
- d. Defaulter
- e. None of these

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49. Insurance Regulatory and Development Authority of India (IRDAI) has formed a committee to help the new Risk Based Capital (RBC) norms. Who is the head of this committee? (+1, -0.25)

- a. Subhash Chandra Khuntia
- b. Dilip C Chakraborty
- c. H.M Jain

- d. A.P.V Reddy
- e. Rajendra Chitale

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50. GoldRush is a way to own physical gold in different quantities online at any time, purchased gold is held securely with a secured storage facility. The scheme 'GoldRush' is launched by? (+1, -0.25)

- a. Stock Holding Corporation of India Ltd.
- b. Central Depository Services India Limited
- c. Industrial Finance Corporation of India Ltd
- d. Unit Trust of India
- e. Securities and Exchange Board of India

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## General English

51. Read the passage and answer the following questions.

(+1, -0.25)

Americans love to contemplate – and legislatively promote, to whatever degree possible – the virtue of hard work. Here in the United States, people already work more hours per year than their English-speaking counterparts in Britain, Canada and Australia – not to mention those enviable denizens of European social democracies, who enjoy the kind of leisure time only their highest-paid workers can afford. So perhaps it's not surprising that several new pro-work policy ideas are enjoying attention on the left and the right. On the right, work requirements for Medicaid, food stamps and housing assistance represent the latest conservative effort to make sure Americans work for any benefits they receive. Work-life balance. It has been the professional it-phrase for the past few years. From how-to books to meditation apps and even company-sponsored initiatives like unlimited vacation, employers and employees alike have been trying to strike a balance between their personal and professional lives. And it seems to be working. Or is it? According to employee reviews on Glassdoor, work-life balance is not what it used to be. Despite the best efforts of executives and an upgraded nomenclature ("work-life fit"), American workers continue to struggle with stress. *But why? What's missing from our jobs, or rather, is it in our personal lives?* Since we live in the digital age, it's easy for employees to be connected to their work 24/7. All day every day we receive e-mails from our boss, notifications from our work chats and use our calendars for reminders and scheduling—all on our smartphones. So thanks to technology, employees often check their e-mail every few minutes and constantly put in extra hours on nights, weekends and even when they're out on vacation. If you need help maintaining a healthy work-life balance, remember that it's all about setting goals and expectations between you and your manager. By having a good, open communication process with your boss, you'll better understand what they expect of you, which makes it easier to manage your work life with your personal life. The more clear your boss is to you, and the more clear you are to them, the healthier that work life balance is going to feel. But, unfortunately, not every job works this way. Inevitably, there are some roles that may require more attention during and out of normal office hours. If you're not the type who can and wants this kind of schedule, that's something to consider before accepting a job. So before accepting an offer, research the position and make sure you fully understand the hours that are expected in the role, where and how you can get their work done, and the overall nature of the job. There's a balance to be struck where it comes to work and rest, but in the United States, values and laws are already slanted drastically in favor of work. I would advise those concerned about Americans' dignity, freedom and independence to not focus on compelling work for benefits or otherwise trying to marshal people into jobs when what they really need are health care, housing assistance, unemployment benefits and so forth. Instead, we should focus more of our political energies on making sure that American workers have the dignity of rest, the freedom to enjoy their lives outside of labor and independence from the whims of their employers.

Which of the following can be inferred from the words of the author?

I. Work life balance is a concept which is hyped now-a-days and companies are trying to implement it to a great extent.

II. Work life balance is a bait used by organizations to capture the attention of employees and make them work at a lower cost.

III. American laws are strictly against the concept of work-life balance and they focus more on work and increasing productivity.

a. Only II

b. Both I and III

c. Only III

- d. Both II and III
- e. None of these

52. Read the passage and answer the following questions.

(+1, -0.25)

Americans love to contemplate - and legislatively promote, to whatever degree possible - the virtue of hard work. Here in the United States, people already work more hours per year than their English-speaking counterparts in Britain, Canada and Australia - not to mention those enviable denizens of European social democracies, who enjoy the kind of leisure time only their highest-paid workers can afford. So perhaps it's not surprising that several new pro-work policy ideas are enjoying attention on the left and the right. On the right, work requirements for Medicaid, food stamps and housing assistance represent the latest conservative effort to make sure Americans work for any benefits they receive. Work-life balance. It has been the professional it-phrase for the past few years. From how-to books to meditation apps and even company-sponsored initiatives like unlimited vacation, employers and employees alike have been trying to strike a balance between their personal and professional lives. And it seems to be working. Or is it? According to employee reviews on Glassdoor, work-life balance is not what it used to be. Despite the best efforts of executives and an upgraded nomenclature ("work-life fit"), American workers continue to struggle with stress. *But why? What's missing from our jobs, or rather, is it in our personal lives?* Since we live in the digital age, it's easy for employees to be connected to their work 24/7. All day every day we receive e-mails from our boss, notifications from our work chats and use our calendars for reminders and scheduling—all on our smartphones. So thanks to technology, employees often check their e-mail every few minutes and constantly put in extra hours on nights, weekends and even when they're out on vacation. If you need help maintaining a healthy work-life balance, remember that it's all about setting goals and expectations between you and your manager. By having a good, open communication process with your boss, you'll better understand what they expect of you, which makes it easier to manage your work life with your personal life. The more clear your boss is to you, and the more clear you are to them, the healthier that work life balance is going to feel. But, unfortunately, not every job works this way. Inevitably, there are some roles that may require more attention during and out of normal office hours. If you're not the type who can and wants this kind of schedule, that's something to consider before accepting a job. So before accepting an offer, research the position and make sure you fully understand the hours that are expected in the role, where and how you can get their work done, and the overall nature of the job. There's a balance to be struck where it comes to work and rest, but in the United States, values and laws are already slanted drastically in favor of work. I would advise those concerned about Americans' dignity, freedom and independence to not focus on compelling work for benefits or otherwise trying to marshal people into jobs when what they really need are health care, housing assistance, unemployment benefits and so forth. Instead, we should focus more of our political energies on making sure that American workers have the dignity of rest, the freedom to enjoy their lives outside of labor and independence from the whims of their employers.

What is the author's suggestion to have a healthy work-life balance?

- a. To change one's schedule according to the job requirements and prioritize the correct kind of work at office.
- b. To follow one's personal interests and prioritize health and education before profession.
- c. To follow the expectations of the boss of an organization and have an open communication with him.
- d. To carefully choose the correct kind of job which does not make a person uncomfortable and would not hamper his/her personal well being.

- e. The laws of a country need to be changed in favour of the people's lives and not jobs and employment.

53. Read the passage and answer the following questions.

(+1, -0.25)

Americans love to contemplate - and legislatively promote, to whatever degree possible - the virtue of hard work. Here in the United States, people already work more hours per year than their English-speaking counterparts in Britain, Canada and Australia - not to mention those enviable denizens of European social democracies, who enjoy the kind of leisure time only their highest-paid workers can afford. So perhaps it's not surprising that several new pro-work policy ideas are enjoying attention on the left and the right. On the right, work requirements for Medicaid, food stamps and housing assistance represent the latest conservative effort to make sure Americans work for any benefits they receive. Work-life balance. It has been the professional it-phrase for the past few years. From how-to books to meditation apps and even company-sponsored initiatives like unlimited vacation, employers and employees alike have been trying to strike a balance between their personal and professional lives. And it seems to be working. Or is it? According to employee reviews on Glassdoor, work-life balance is not what it used to be. Despite the best efforts of executives and an upgraded nomenclature ("work-life fit"), American workers continue to struggle with stress. *But why? What's missing from our jobs, or rather, is it in our personal lives?* Since we live in the digital age, it's easy for employees to be connected to their work 24/7. All day every day we receive e-mails from our boss, notifications from our work chats and use our calendars for reminders and scheduling—all on our smartphones. So thanks to technology, employees often check their e-mail every few minutes and constantly put in extra hours on nights, weekends and even when they're out on vacation. If you need help maintaining a healthy work-life balance, remember that it's all about setting goals and expectations between you and your manager. By having a good, open communication process with your boss, you'll better understand what they expect of you, which makes it easier to manage your work life with your personal life. The more clear your boss is to you, and the more clear you are to them, the healthier that work life balance is going to feel. But, unfortunately, not every job works this way. Inevitably, there are some roles that may require more attention during and out of normal office hours. If you're not the type who can and wants this kind of schedule, that's something to consider before accepting a job. So before accepting an offer, research the position and make sure you fully understand the hours that are expected in the role, where and how you can get their work done, and the overall nature of the job. There's a balance to be struck where it comes to work and rest, but in the United States, values and laws are already slanted drastically in favor of work. I would advise those concerned about Americans' dignity, freedom and independence to not focus on compelling work for benefits or otherwise trying to marshal people into jobs when what they really need are health care, housing assistance, unemployment benefits and so forth. Instead, we should focus more of our political energies on making sure that American workers have the dignity of rest, the freedom to enjoy their lives outside of labor and independence from the whims of their employers.

What is the tone of the author in the sentence 'So thanks to technology, employees often check their e-mail every few minutes and constantly put in extra hours on nights, weekends and even when they're out on vacation.'?

- I. The author is optimistic and lauds the benefits of technology.
  - II. The author is sarcastic and criticizes the invasion of technology in people's lives.
  - III. The author scoffs at humans who have been slaves to their work.
- a. Only II
  - b. Only I

- c. Both I and II
- d. Both I and III
- e. None of these

54. Read the passage and answer the following questions.

(+1, -0.25)

Americans love to contemplate - and legislatively promote, to whatever degree possible - the virtue of hard work. Here in the United States, people already work more hours per year than their English-speaking counterparts in Britain, Canada and Australia - not to mention those enviable denizens of European social democracies, who enjoy the kind of leisure time only their highest-paid workers can afford. So perhaps it's not surprising that several new pro-work policy ideas are enjoying attention on the left and the right. On the right, work requirements for Medicaid, food stamps and housing assistance represent the latest conservative effort to make sure Americans work for any benefits they receive. Work-life balance. It has been the professional it-phrase for the past few years. From how-to books to meditation apps and even company-sponsored initiatives like unlimited vacation, employers and employees alike have been trying to strike a balance between their personal and professional lives. And it seems to be working. Or is it? According to employee reviews on Glassdoor, work-life balance is not what it used to be. Despite the best efforts of executives and an upgraded nomenclature ("work-life fit"), American workers continue to struggle with stress. *But why? What's missing from our jobs, or rather, is it in our personal lives?* Since we live in the digital age, it's easy for employees to be connected to their work 24/7. All day every day we receive e-mails from our boss, notifications from our work chats and use our calendars for reminders and scheduling—all on our smartphones. So thanks to technology, employees often check their e-mail every few minutes and constantly put in extra hours on nights, weekends and even when they're out on vacation. If you need help maintaining a healthy work-life balance, remember that it's all about setting goals and expectations between you and your manager. By having a good, open communication process with your boss, you'll better understand what they expect of you, which makes it easier to manage your work life with your personal life. The more clear your boss is to you, and the more clear you are to them, the healthier that work life balance is going to feel. But, unfortunately, not every job works this way. Inevitably, there are some roles that may require more attention during and out of normal office hours. If you're not the type who can and wants this kind of schedule, that's something to consider before accepting a job. So before accepting an offer, research the position and make sure you fully understand the hours that are expected in the role, where and how you can get their work done, and the overall nature of the job. There's a balance to be struck where it comes to work and rest, but in the United States, values and laws are already slanted drastically in favor of work. I would advise those concerned about Americans' dignity, freedom and independence to not focus on compelling work for benefits or otherwise trying to marshal people into jobs when what they really need are health care, housing assistance, unemployment benefits and so forth. Instead, we should focus more of our political energies on making sure that American workers have the dignity of rest, the freedom to enjoy their lives outside of labor and independence from the whims of their employers.

Which of the following is true about the work conditions in America?

- I. People go for jobs without doing a proper research and suffer from conflicting expectations.
  - II. Working conditions are tougher and longer in America in comparison to European countries.
  - III. People lack proper rest and freedom and mostly stay hassled with the increased pressure of work.
- a. Only II
  - b. Both II and III

- c. Only III
- d. Both I and II
- e. All of these

55. Read the passage and answer the following questions.

(+1, -0.25)

Americans love to contemplate - and legislatively promote, to whatever degree possible - the virtue of hard work. Here in the United States, people already work more hours per year than their English-speaking counterparts in Britain, Canada and Australia - not to mention those enviable denizens of European social democracies, who enjoy the kind of leisure time only their highest-paid workers can afford. So perhaps it's not surprising that several new pro-work policy ideas are enjoying attention on the left and the right. On the right, work requirements for Medicaid, food stamps and housing assistance represent the latest conservative effort to make sure Americans work for any benefits they receive. Work-life balance. It has been the professional it-phrase for the past few years. From how-to books to meditation apps and even company-sponsored initiatives like unlimited vacation, employers and employees alike have been trying to strike a balance between their personal and professional lives. And it seems to be working. Or is it? According to employee reviews on Glassdoor, work-life balance is not what it used to be. Despite the best efforts of executives and an upgraded nomenclature ("work-life fit"), American workers continue to struggle with stress. *But why? What's missing from our jobs, or rather, is it in our personal lives?* Since we live in the digital age, it's easy for employees to be connected to their work 24/7. All day every day we receive e-mails from our boss, notifications from our work chats and use our calendars for reminders and scheduling-all on our smartphones. So thanks to technology, employees often check their e-mail every few minutes and constantly put in extra hours on nights, weekends and even when they're out on vacation. If you need help maintaining a healthy work-life balance, remember that it's all about setting goals and expectations between you and your manager. By having a good, open communication process with your boss, you'll better understand what they expect of you, which makes it easier to manage your work life with your personal life. The more clear your boss is to you, and the more clear you are to them, the healthier that work life balance is going to feel. But, unfortunately, not every job works this way. Inevitably, there are some roles that may require more attention during and out of normal office hours. If you're not the type who can and wants this kind of schedule, that's something to consider before accepting a job. So before accepting an offer, research the position and make sure you fully understand the hours that are expected in the role, where and how you can get their work done, and the overall nature of the job. There's a balance to be struck where it comes to work and rest, but in the United States, values and laws are already slanted drastically in favor of work. I would advise those concerned about Americans' dignity, freedom and independence to not focus on compelling work for benefits or otherwise trying to marshal people into jobs when what they really need are health care, housing assistance, unemployment benefits and so forth. Instead, we should focus more of our political energies on making sure that American workers have the dignity of rest, the freedom to enjoy their lives outside of labor and independence from the whims of their employers.

Which of the following is true regarding the birth of how-to and meditation apps to help people balance their professional and personal lives?

- a. The apps and how-tos are gaining worldwide popularity in ameliorating the situation of the people who need to work for long hours.
- b. The apps and how-tos provide ways which are difficult to be implemented practically thus they are not successful in balancing people's lives.

- c. The increasing number of these apps indicate the growing unrest and mental disturbances of the people.
- d. The apps and how-tos are increasing day by day as they have been effective in balancing people's lives.
- e. The apps provide proper theoretical ways to bring changes in a person's mind thereby helping him/her to have proper mental rest.

56. **Direction:** Read the passage and answer the following questions.

(+1, -0.25)

Beyond the hype and glamor synonymous with the fashion industry are challenges that business owners face when trying to establish themselves in the sector. Competition in the fashion industry makes it difficult for small businesses to get the attention of the market since the media mainly covers established fashion houses. However, passionate entrepreneurs who choose to venture into fashion can succeed by dedicating time, resources and persistence. Investing in the fashion industry requires a lot of capital for startup and the initial running of the business. Obtaining additional financing from investors and banks may prove especially difficult when you do not have sufficient records to demonstrate your ability to repay. Operating within a limited budget would force you to cut down your expenditure on crucial items such as marketing and publicity for your brand. Hiring the right personnel to work for your fashion business plays an important role in its success. However, the right personnel comes at a price that may be too high for your business. Your budget can force you to compromise on the qualification and experience of the staff you need. In addition, talented individuals in the fashion industry may only commit to an established fashion business and only agree to work for your firm on a part-time or freelance basis. Such people may also need more money to convince them to come on board. The competition in the fashion industry is a disadvantage to small and upcoming businesses. For example, startup ventures may not have enough money to poach personnel but may lose personnel through that approach. Such businesses, despite their limited budget, need to invest more time and resources in marketing and creating visibility for their brand. Additionally, small businesses may have a higher running cost given that they make smaller orders compared to established brands. For example, established brands will make large orders in China while unestablished players have to rely on local manufacturers whose price is much higher. New businesses also face a higher risk of failing to take off. The fashion industry demands long hours to network, market, design and exhibit your work. In the initial stages, you have to work longer hours as you often take on multiple responsibilities. The long hours you spend may also limit your creative input especially if you design. You also have to sacrifice time away from your family, friends and social life.

What is the main idea of the passage?

- a. Media and fashion industry go hand in hand so brand marketing is a very important aspect.
- b. Social risks associated with the fashion industry
- c. Business in fashion industry is risky and it is difficult to acquire success for newbies.
- d. Fashion industry runs more on money than on talent.
- e. Startups do not get much from the fashion industry though competition is not high.

57. **Direction:** Read the passage and answer the following questions.

(+1, -0.25)

Beyond the hype and glamor synonymous with the fashion industry are challenges that business owners face when trying to establish themselves in the sector. Competition in the fashion industry makes it difficult for

small businesses to get the attention of the market since the media mainly covers established fashion houses. However, passionate entrepreneurs who choose to venture into fashion can succeed by dedicating time, resources and persistence. Investing in the fashion industry requires a lot of capital for startup and the initial running of the business. Obtaining additional financing from investors and banks may prove especially difficult when you do not have sufficient records to demonstrate your ability to repay. Operating within a limited budget would force you to cut down your expenditure on crucial items such as marketing and publicity for your brand. Hiring the right personnel to work for your fashion business plays an important role in its success. However, the right personnel comes at a price that may be too high for your business. Your budget can force you to compromise on the qualification and experience of the staff you need. In addition, talented individuals in the fashion industry may only commit to an established fashion business and only agree to work for your firm on a part-time or freelance basis. Such people may also need more money to convince them to come on board. The competition in the fashion industry is a disadvantage to small and upcoming businesses. For example, startup ventures may not have enough money to poach personnel but may lose personnel through that approach. Such businesses, despite their limited budget, need to invest more time and resources in marketing and creating visibility for their brand. Additionally, small businesses may have a higher running cost given that they make smaller orders compared to established brands. For example, established brands will make large orders in China while unestablished players have to rely on local manufacturers whose price is much higher. New businesses also face a higher risk of failing to take off. The fashion industry demands long hours to network, market, design and exhibit your work. In the initial stages, you have to work longer hours as you often take on multiple responsibilities. The long hours you spend may also limit your creative input especially if you design. You also have to sacrifice time away from your family, friends and social life.

Which of the following can be inferred from the passage?

- I. A lot of capital is needed for successful development in the industry.
  - II. Marketing often fails to make a brand successful thus creativity is the major player.
  - III. Small businesses do not have chances to invest much thus finding it difficult to compete with the big companies.
- a. Only III
  - b. Only I
  - c. Both II and III
  - d. Only II
  - e. All of these

58. **Direction:** Read the passage and answer the following questions.

(+1, -0.25)

Beyond the hype and glamor synonymous with the fashion industry are challenges that business owners face when trying to establish themselves in the sector. Competition in the fashion industry makes it difficult for small businesses to get the attention of the market since the media mainly covers established fashion houses. However, passionate entrepreneurs who choose to venture into fashion can succeed by dedicating time, resources and persistence. Investing in the fashion industry requires a lot of capital for startup and the initial running of the business. Obtaining additional financing from investors and banks may prove especially difficult when you do not have sufficient records to demonstrate your ability to repay. Operating within a limited budget would force you to cut down your expenditure on crucial items such as marketing and publicity for

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Which of the following is the tone of the passage?

- a. Fearful and disrespectful
- b. Optimistic and inspiring
- c. Satirical and censoring
- d. Critical and apprehensive
- e. Misleading and crucial

59. **Direction:** Read the passage and answer the following questions.

(+1, -0.25)

Beyond the hype and glamor synonymous with the fashion industry are challenges that business owners face when trying to establish themselves in the sector. Competition in the fashion industry makes it difficult for small businesses to get the attention of the market since the media mainly covers established fashion houses. However, passionate entrepreneurs who choose to venture into fashion can succeed by dedicating time, resources and persistence. Investing in the fashion industry requires a lot of capital for startup and the initial running of the business. Obtaining additional financing from investors and banks may prove especially difficult when you do not have sufficient records to demonstrate your ability to repay. Operating within a limited budget would force you to cut down your expenditure on crucial items such as marketing and publicity for your brand. Hiring the right personnel to work for your fashion business plays an important role in its success. However, the right personnel comes at a price that may be too high for your business. Your budget can force you to compromise on the qualification and experience of the staff you need. In addition, talented individuals in the fashion industry may only commit to an established fashion business and only agree to work for your firm on a part-time or freelance basis. Such people may also need more money to convince them to come on board. The competition in the fashion industry is a disadvantage to small and upcoming businesses. For example, startup ventures may not have enough money to poach personnel but may lose personnel through that approach. Such businesses, despite their limited budget, need to invest more time and resources in marketing and creating visibility for their brand. Additionally, small businesses may have a higher running cost given that they make smaller orders compared to established brands. For example, established brands will make large orders in China while unestablished players have to rely on local manufacturers whose price is much higher. New businesses also face a higher risk of failing to take off. The fashion industry demands long

hours to network, market, design and exhibit your work. In the initial stages, you have to work longer hours as you often take on multiple responsibilities. The long hours you spend may also limit your creative input especially if you design. You also have to sacrifice time away from your family, friends and social life.

Which of the following is the most harmful impact of working long hours?

- I. It affects the brand image and creates negative publicity which makes business difficult.
  - II. It damages the creativity of a person thereby harming the productivity of work.
  - III. It intervenes into the private lives and hampers the personal lives of people.
- a. Only III
  - b. Only II
  - c. Both II and III
  - d. Bot I and II
  - e. All of these

60. **Direction:** Read the passage and answer the following questions.

(+1, -0.25)

Beyond the hype and glamor synonymous with the fashion industry are challenges that business owners face when trying to establish themselves in the sector. Competition in the fashion industry makes it difficult for small businesses to get the attention of the market since the media mainly covers established fashion houses. However, passionate entrepreneurs who choose to venture into fashion can succeed by dedicating time, resources and persistence. Investing in the fashion industry requires a lot of capital for startup and the initial running of the business. Obtaining additional financing from investors and banks may prove especially difficult when you do not have sufficient records to demonstrate your ability to repay. Operating within a limited budget would force you to cut down your expenditure on crucial items such as marketing and publicity for your brand. Hiring the right personnel to work for your fashion business plays an important role in its success. However, the right personnel comes at a price that may be too high for your business. Your budget can force you to compromise on the qualification and experience of the staff you need. In addition, talented individuals in the fashion industry may only commit to an established fashion business and only agree to work for your firm on a part-time or freelance basis. Such people may also need more money to convince them to come on board. The competition in the fashion industry is a disadvantage to small and upcoming businesses. For example, startup ventures may not have enough money to poach personnel but may lose personnel through that approach. Such businesses, despite their limited budget, need to invest more time and resources in marketing and creating visibility for their brand. Additionally, small businesses may have a higher running cost given that they make smaller orders compared to established brands. For example, established brands will make large orders in China while unestablished players have to rely on local manufacturers whose price is much higher. New businesses also face a higher risk of failing to take off. The fashion industry demands long hours to network, market, design and exhibit your work. In the initial stages, you have to work longer hours as you often take on multiple responsibilities. The long hours you spend may also limit your creative input especially if you design. You also have to sacrifice time away from your family, friends and social life.

Which of the following can be inferred from the statement: ' *Competition in the fashion industry makes it difficult for small businesses to get the attention of the market, since the media mainly covers established fashion houses* '

I. The attention of the market is considered to be the biggest achievement and it is possible only for big companies.

II. The proper marketing of a brand is the first step towards success.

III. Media plays a big role in the marketing of companies and brands.

- a. Only I
- b. Only III
- c. Both II and III
- d. Both I and III
- e. All of these

61. Arrange the following sentences in the correct order.

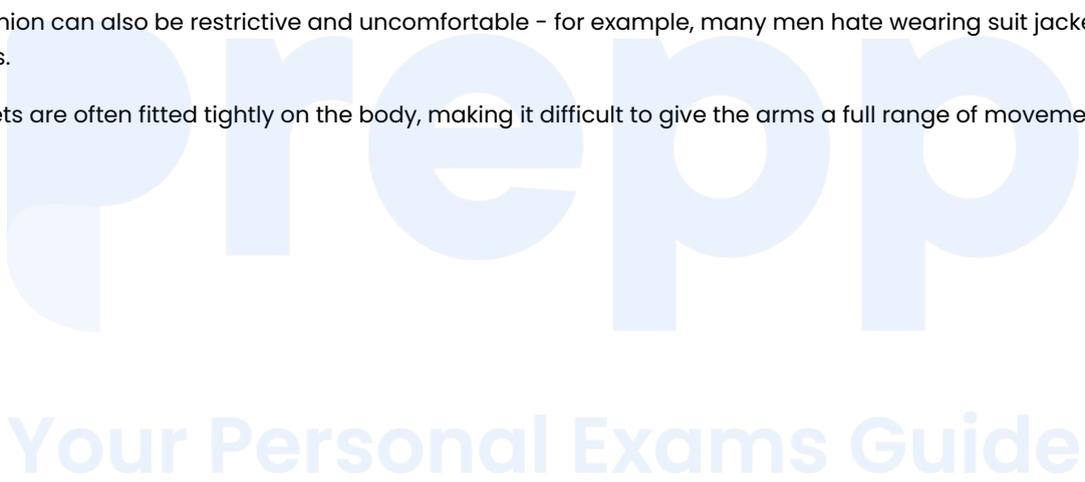
(+1, -0.25)

A. Even neck ties may make certain men feel choked or claustrophobic

B. Men's fashion can also be restrictive and uncomfortable - for example, many men hate wearing suit jackets and neckties.

C. Suit jackets are often fitted tightly on the body, making it difficult to give the arms a full range of movement.

- a. ABC
- b. ACB
- c. BAC
- d. BCA
- e. CAB



62. A single word fits in all the three blanks. Choose the correct option.

(+1, -0.25)

The queen \_\_\_\_\_ her enemy whereas the hunter \_\_\_\_\_ the deer and the King \_\_\_\_\_ the thief; out of these only the King's action can be supported.

- A. abnegated
  - B. decapitated
  - C. punished
- a. Only B
  - b. Only A
  - c. Both A and C
  - d. All of these

e. None of these

---

63. A single word fits in all three blanks. Choose the correct option.

(+1, -0.25)

My neighbour's dog is a/an \_\_\_\_\_ for me while the ants in the kitchen are a/an \_\_\_\_\_ for my mother and the distance of the house from the office is a/an \_\_\_\_\_ for my father.

A. Gormandize

B. Menace

C. Estoppel

a. Only A

b. Only B

c. Both B and C

d. Both A and B

e. All of these

---

64. A single word fits in all the three blanks. Choose the correct option.

(+1, -0.25)

While the catalogue brought \_\_\_\_\_ pleasure in luxury living to the daughter, the paralyzed man took \_\_\_\_\_ pride in his son's running achievements and the mother experienced \_\_\_\_\_ suffering as the child was screaming in pain.

A. Vicarious

B. Voracious

C. Penury

a. Only C

b. Both B and C

c. Only A

d. Both A and B

e. All of these

---

65. A single word fits in all the three blanks. Choose the correct option.

(+1, -0.25)

\_\_\_\_\_ movement made it necessary for the support beams to be replaced with new ones while the construction team at Garja built a bridge \_\_\_\_\_ to support the newest interstate overpass whereas in Farakka, at each end of the dam, a supporting \_\_\_\_\_ was chiseled into the side of the rock.

A. Recline

---

B.Abutment

C.Jaundice

a. Only C

b. Both A and B

c. Both B and C

d. Only B

e. All of these

---

66. Choose the sentence that has the correct usage of the idiom.

(+1, -0.25)

I. The loss incurred last month will be a chip on his shoulder.

II. His mother's gifts elated him and the experience remained a chip on his shoulder.

III. Your ability to see through things is great and is a chip on your shoulder .

a. Only I

b. Only II

c. Only III

d. Both II and III

e. All of these

---

67. Choose the sentence that has the correct usage of the idiom.

(+1, -0.25)

I. Your over smartness will be a problem;you should learn to keep quiet. Cat got your tongue?

II. Why were you so silent in the meeting? Cat got your tongue?

III. How could have you been so harsh to her and that too in front of everyone? Cat got your tongue?

a. Only I

b. Both I and III

c. Both II and III

d. Only II

e. All of these

---

68. Choose the sentence that has the correct usage of the idiom.

(+1, -0.25)

- I. I know you are under the weather so I suggest you go to the doctor immediately.
- II. Your being under the weather needs to be controlled and we expect you to be less enthusiastic as Seema lost her job today.
- III. It has been a regular day for you so you are under the weather.
- a. Only I
  - b. Both I and II
  - c. Both I and III
  - d. Only III
  - e. All of these

---

69. Choose the sentence that has the correct usage of the idiom. (+1, -0.25)

- I. The adventure was an awesome pear-shaped experience for Raksha.
- II. Good that you left the job as it got all pear-shaped after Andy became the boss.
- III. It was a difficult problem and it got pear-shaped in some time.
- a. Only III
  - b. Only II
  - c. Both I and II
  - d. Both II and III
  - e. All of these

---

70. Choose the sentence that has the correct usage of the idiom. (+1, -0.25)

- I. The team went cold turkey after the manager said the project was cancelled.
- II. He became a cold turkey after marriage and we hardly found him in the clubs any day.
- III. My Nutella habit was getting out of hand so I decided to go cold turkey.
- a. Only III
  - b. Only II
  - c. Both II and III
  - d. Both I and II
  - e. All of these

71. Choose the word MOST SIMILAR in meaning to the given word.

(+1, -0.25)

INDUBITABLE

- a. Suspicious
- b. Savory
- c. Unquestionable
- d. Impugn
- e. Relevant

72. Choose the word MOST SIMILAR in meaning to the given word.

(+1, -0.25)

FOMENT

- a. Selfish
- b. Incite
- c. Rancid
- d. Permanent
- e. Pertinent

73. Choose the word MOST SIMILAR in meaning to the given word.

(+1, -0.25)

UMBRAGE

- a. Support
- b. Brawl
- c. Foil
- d. Insult
- e. Oppress

74. Choose the word MOST OPPOSITE in meaning to the given word.

(+1, -0.25)

FRACAS

- a. Schism
- b. Abstruse
- c. Compensation

- d. Tranquility
- e. Ligneous

---

75. Choose the word MOST OPPOSITE in meaning to the given word.

(+1, -0.25)

FIENDISH

- a. Amenable
- b. Instinct
- c. Renegade
- d. Altruist
- e. Benefactor

---

76. Replace the words if needed and choose option 5 if no replacement is required.

(+1, -0.25)

The Fashion business **sells** their products through **billing** and advertising with the use of **boorish** developed really thin models.

- I. Sells - produces
- II. Billing - Branding
- III. Boorish - Barely

- a. Only II
- b. Both I and II
- c. Both II and III
- d. All of these
- e. No replacement required

---

77. Replace the words if needed and choose option 5 if no replacement is required.

(+1, -0.25)

When Ellen had given up **hope** her car would start, a **doleful encounter** with a neighbor got her back on the road

- I. Hope - bliss
- II. Doleful - Fortuitous
- III. Encounter - Adventure

- a. Only I

- b. Only II
- c. Both I and II
- d. Both II and III
- e. No replacement required

---

78. Replace the words if needed and choose option 5 if no replacement is required.

(+1, -0.25)

While a **majority** of the world's **acoustic** conglomerates are U.S. based, more than 60 percent of world clothing is manufactured in **developing** countries.

- I. Majority - minorly
- II. Acoustic - Apparel
- III. Developing - Western

- a. Only II
- b. Both II and III
- c. Both I and II
- d. All of these
- e. No replacement required

---

79. Replace the words if needed and choose option 5 if no replacement is required.

(+1, -0.25)

Fashion put so much **emphasis** on appearance and pressure to have all of the latest **trends** and expensive brands, it teaches young people that clothes and **materialistic** items are the most important things.

- I. Emphasis - attention
- II. Trends - Rules
- III. Materialistic - Expensive

- a. Only I
- b. Both I and III
- c. Only III
- d. Both II and III
- e. No replacement required

---

80. Choose the correct adjective for the passage mentioned below.

(+1, -0.25)

We let fashion tell us whether or not we are pretty or if we are cool enough. The fashion industry sends the message to be beautiful. We let fashion influence what we feel about ourselves. Self-esteem is the major motivator to why consumers purchase these products because we are brain washed that these products will help us be ideal.

- a. Inspiring
- b. Didactic
- c. Criticizing
- d. Sarcastic
- e. Humorous

81. Below a passage is given with ten blanks labelled (A)-(J). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer. (+1, -0.25)

Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King's palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia's constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a spokesman for Mr. Mohamad, the 92-year-old veteran former Prime Minister, said he had not heard from the palace and had no plan to go there. Mr. Mohamad's opposition \_\_ (D) \_\_ won the simple majority it required to form a new government in Wednesday's polls, a stunning result that will end six decades of rule by a \_\_ (E) \_\_ he once led. Malaysians celebrated Mr. Mohamad's unexpected victory over Prime Minister Najib Razak, whose popularity had \_\_ (F) \_\_ over rising living costs and in the wake of a multi-billion-dollar graft scandal at Malaysia Development Berhad (IMDB). Mr. Mohamad led the Southeast Asian nation for 22 years and his unexpected return to the prime ministership ends the previously unbroken rule of Barisan Nasional (BN), the coalition that had governed Malaysia \_\_ (G) \_\_ independence from Britain in 1957. "We are not seeking revenge, what we want is to restore the rule of law," Mr. Mohamad said of Najib's scandal-plagued rule. He appeared jubilant and \_\_ (H) \_\_ at a news conference claiming victory overnight. Mr. Razak began an address to media in the late morning. A member of his cabinet said they would accept the will of the people. The stunning election outcome was expected to \_\_ (I) \_\_ financial markets that were expecting a comfortable win for Mr. Najib and the BN. Malaysia's currency \_\_ (J) \_\_ in offshore trading on Thursday, with the ringgit one-month non-deliverable forward falling 1.7 pct. The U.S.-traded iShares MSCI Malaysia ETF fell 6 percent.

Which of the following words most appropriately fits the blank labelled (A)?

- a. put
- b. pulled
- c. pushed
- d. paid
- e. cleaned

82. Below a passage is given with ten blanks labelled (A)-(J). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer. (+1, -0.25)

Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King's palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia's constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a spokesman for Mr. Mohamad, the 92-year-old veteran former Prime Minister, said he had not heard from the palace and had no plan to go there. Mr. Mohamad's opposition \_\_ (D) \_\_ won the simple majority it required to form a new government in Wednesday's polls, a stunning result that will end six decades of rule by a \_\_ (E) \_\_ he once led. Malaysians celebrated Mr. Mohamad's unexpected victory over Prime Minister Najib Razak, whose popularity had \_\_ (F) \_\_ over rising living costs and in the wake of a multi-billion-dollar graft scandal at Malaysia Development Berhad (IMDB). Mr. Mohamad led the Southeast Asian nation for 22 years and his unexpected return to the prime ministership ends the previously unbroken rule of Barisan Nasional (BN), the coalition that had governed Malaysia \_\_ (G) \_\_ independence from Britain in 1957. "We are not seeking revenge, what we want is to restore the rule of law," Mr. Mohamad said of Najib's scandal-plagued rule. He appeared jubilant and \_\_ (H) \_\_ at a news conference claiming victory overnight. Mr. Razak began an address to media in the late morning. A member of his cabinet said they would accept the will of the people. The stunning election outcome was expected to \_\_ (I) \_\_ financial markets that were expecting a comfortable win for Mr. Najib and the BN. Malaysia's currency \_\_ (J) \_\_ in offshore trading on Thursday, with the ringgit one-month non-deliverable forward falling 1.7 pct. The U.S.-traded iShares MSCI Malaysia ETF fell 6 percent.

Which of the following words most appropriately fits the blank labelled (B)?

- a. veracity
- b. valor
- c. viceroy
- d. victory
- e. war

83. Below a passage is given with ten blanks labelled (A)-(J). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer. (+1, -0.25)

Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King's palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia's constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a spokesman for Mr. Mohamad, the 92-year-old veteran former Prime Minister, said he had not heard from the palace and had no plan to go there. Mr. Mohamad's opposition \_\_ (D) \_\_ won the simple majority it required to form a new government in Wednesday's polls, a stunning result that will end six decades of rule by a \_\_ (E) \_\_ he once led. Malaysians celebrated Mr. Mohamad's unexpected victory over Prime Minister Najib Razak, whose popularity had \_\_ (F) \_\_ over rising living costs and in the wake of a multi-billion-dollar graft

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Which of the following words most appropriately fits the blank labelled (C)?

- a. obligations
- b. rights
- c. ministerial
- d. monarchy
- e. volunteer

84. Below a passage is given with ten blanks labelled (A)-(J). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer. (+1, -0.25)

Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King's palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia's constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a spokesman for Mr. Mohamad, the 92-year-old veteran former Prime Minister, said he had not heard from the palace and had no plan to go there. Mr. Mohamad's opposition \_\_ (D) \_\_ won the simple majority it required to form a new government in Wednesday's polls, a stunning result that will end six decades of rule by a \_\_ (E) \_\_ he once led. Malaysians celebrated Mr. Mohamad's unexpected victory over Prime Minister Najib Razak, whose popularity had \_\_ (F) \_\_ over rising living costs and in the wake of a multi-billion-dollar graft scandal at Malaysia Development Berhad (IMDB). Mr. Mohamad led the Southeast Asian nation for 22 years and his unexpected return to the prime ministership ends the previously unbroken rule of Barisan Nasional (BN), the coalition that had governed Malaysia \_\_ (G) \_\_ independence from Britain in 1957. "We are not seeking revenge, what we want is to restore the rule of law," Mr. Mohamad said of Najib's scandal-plagued rule. He appeared jubilant and \_\_ (H) \_\_ at a news conference claiming victory overnight. Mr. Razak began an address to media in the late morning. A member of his cabinet said they would accept the will of the people. The stunning election outcome was expected to \_\_ (I) \_\_ financial markets that were expecting a comfortable win for Mr. Najib and the BN. Malaysia's currency \_\_ (J) \_\_ in offshore trading on Thursday, with the ringgit one-month non-deliverable forward falling 1.7 pct. The U.S.-traded iShares MSCI Malaysia ETF fell 6 percent.

Which of the following words most appropriately fits the blank labelled (D)?

- a. reminiscence
- b. conveyance

- c. defiance
- d. reliance
- e. alliance

85. Below a passage is given with ten blanks labelled (A)-(J). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer. (+1, -0.25)

Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King's palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia's constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a spokesman for Mr. Mohamad, the 92-year-old veteran former Prime Minister, said he had not heard from the palace and had no plan to go there. Mr. Mohamad's opposition \_\_ (D) \_\_ won the simple majority it required to form a new government in Wednesday's polls, a stunning result that will end six decades of rule by a \_\_ (E) \_\_ he once led. Malaysians celebrated Mr. Mohamad's unexpected victory over Prime Minister Najib Razak, whose popularity had \_\_ (F) \_\_ over rising living costs and in the wake of a multi-billion-dollar graft scandal at Malaysia Development Berhad (IMDB). Mr. Mohamad led the Southeast Asian nation for 22 years and his unexpected return to the prime ministership ends the previously unbroken rule of Barisan Nasional (BN), the coalition that had governed Malaysia \_\_ (G) \_\_ independence from Britain in 1957. "We are not seeking revenge, what we want is to restore the rule of law," Mr. Mohamad said of Najib's scandal-plagued rule. He appeared jubilant and \_\_ (H) \_\_ at a news conference claiming victory overnight. Mr. Razak began an address to media in the late morning. A member of his cabinet said they would accept the will of the people. The stunning election outcome was expected to \_\_ (I) \_\_ financial markets that were expecting a comfortable win for Mr. Najib and the BN. Malaysia's currency \_\_ (J) \_\_ in offshore trading on Thursday, with the ringgit one-month non-deliverable forward falling 1.7 pct. The U.S.-traded iShares MSCI Malaysia ETF fell 6 percent.

Which of the following words most appropriately fits the blank labelled (E)?

- a. coalition
- b. alliance
- c. association
- d. accumulation
- e. faction

86. Below a passage is given with ten blanks labelled (A)-(J). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer. (+1, -0.25)

Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King's palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia's constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a

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Which of the following words most appropriately fits the blank labelled (F)?

- a. warranted
- b. assured
- c. vowed
- d. pledged
- e. plunged

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Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King's palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia's constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a spokesman for Mr. Mohamad, the 92-year-old veteran former Prime Minister, said he had not heard from the palace and had no plan to go there. Mr. Mohamad's opposition \_\_ (D) \_\_ won the simple majority it required to form a new government in Wednesday's polls, a stunning result that will end six decades of rule by a \_\_ (E) \_\_ he once led. Malaysians celebrated Mr. Mohamad's unexpected victory over Prime Minister Najib Razak, whose popularity had \_\_ (F) \_\_ over rising living costs and in the wake of a multi-billion-dollar graft scandal at Malaysia Development Berhad (IMDB). Mr. Mohamad led the Southeast Asian nation for 22 years and his unexpected return to the prime ministership ends the previously unbroken rule of Barisan Nasional (BN), the coalition that had governed Malaysia \_\_ (G) \_\_ independence from Britain in 1957. "We are not seeking revenge, what we want is to restore the rule of law," Mr. Mohamad said of Najib's scandal-plagued rule. He appeared jubilant and \_\_ (H) \_\_ at a news conference claiming victory overnight. Mr. Razak began an address to media in the late morning. A member of his cabinet said they would accept the will of the people. The stunning election outcome was expected to \_\_ (I) \_\_ financial markets that were expecting a comfortable win for Mr. Najib and the BN. Malaysia's currency \_\_ (J) \_\_ in offshore trading on Thursday, with the ringgit one-month non-deliverable forward falling 1.7 pct. The U.S.-traded iShares MSCI Malaysia ETF fell 6 percent.

Which of the following words most appropriately fits the blank labelled (G)?

- a. in
- b. from
- c. although
- d. since
- e. for

88. Below a passage is given with ten blanks labelled (A)–(J). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer. (+1, -0.25)

Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King's palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia's constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a spokesman for Mr. Mohamad, the 92-year-old veteran former Prime Minister, said he had not heard from the palace and had no plan to go there. Mr. Mohamad's opposition \_\_ (D) \_\_ won the simple majority it required to form a new government in Wednesday's polls, a stunning result that will end six decades of rule by a \_\_ (E) \_\_ he once led. Malaysians celebrated Mr. Mohamad's unexpected victory over Prime Minister Najib Razak, whose popularity had \_\_ (F) \_\_ over rising living costs and in the wake of a multi-billion-dollar graft scandal at Malaysia Development Berhad (IMDB). Mr. Mohamad led the Southeast Asian nation for 22 years and his unexpected return to the prime ministership ends the previously unbroken rule of Barisan Nasional (BN), the coalition that had governed Malaysia \_\_ (G) \_\_ independence from Britain in 1957. "We are not seeking revenge, what we want is to restore the rule of law," Mr. Mohamad said of Najib's scandal-plagued rule. He appeared jubilant and \_\_ (H) \_\_ at a news conference claiming victory overnight. Mr. Razak began an address to media in the late morning. A member of his cabinet said they would accept the will of the people. The stunning election outcome was expected to \_\_ (I) \_\_ financial markets that were expecting a comfortable win for Mr. Najib and the BN. Malaysia's currency \_\_ (J) \_\_ in offshore trading on Thursday, with the ringgit one-month non-deliverable forward falling 1.7 pct. The U.S.-traded iShares MSCI Malaysia ETF fell 6 percent.

Which of the following words most appropriately fits the blank labelled (H)?

- a. incessant
- b. rejoice
- c. frightful
- d. slightly
- e. sprightly

89. Below a passage is given with ten blanks labelled (A)–(J). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the (+1, -0.25)

corresponding answer.

Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King’s palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia’s constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a spokesman for Mr. Mohamad, the 92-year-old veteran former Prime Minister, said he had not heard from the palace and had no plan to go there. Mr. Mohamad’s opposition \_\_ (D) \_\_ won the simple majority it required to form a new government in Wednesday’s polls, a stunning result that will end six decades of rule by a \_\_ (E) \_\_ he once led. Malaysians celebrated Mr. Mohamad’s unexpected victory over Prime Minister Najib Razak, whose popularity had \_\_ (F) \_\_ over rising living costs and in the wake of a multi-billion-dollar graft scandal at 1Malaysia Development Berhad (1MDB). Mr. Mohamad led the Southeast Asian nation for 22 years and his unexpected return to the prime ministership ends the previously unbroken rule of Barisan Nasional (BN), the coalition that had governed Malaysia \_\_ (G) \_\_ independence from Britain in 1957. “We are not seeking revenge, what we want is to restore the rule of law,” Mr. Mohamad said of Najib’s scandal-plagued rule. He appeared jubilant and \_\_ (H) \_\_ at a news conference claiming victory overnight. Mr. Razak began an address to media in the late morning. A member of his cabinet said they would accept the will of the people. The stunning election outcome was expected to \_\_ (I) \_\_ financial markets that were expecting a comfortable win for Mr. Najib and the BN. Malaysia’s currency \_\_ (J) \_\_ in offshore trading on Thursday, with the ringgit one-month non-deliverable forward falling 1.7 pct. The U.S.-traded iShares MSCI Malaysia ETF fell 6 percent.

Which of the following words most appropriately fits the blank labelled (I)?

- a. ruffle
- b. muffle
- c. scuffle
- d. trivial
- e. grapple

90. Below a passage is given with ten blanks labelled (A)–(J). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer. (+1, -0.25)

Mahathir Mohamad, who \_\_ (A) \_\_ off a stunning general election win, will not be sworn in as the new prime minister of Malaysia on Thursday, a spokesman for the King’s palace said, but gave no reason for the change in schedule. Mr. Mohamad had said shortly after declaring \_\_ (B) \_\_ that the King would sign his letter of appointment as Prime Minister of Malaysia’s constitutional \_\_ (C) \_\_ during a ceremony at the royal palace in the capital, Kuala Lumpur on Thursday. But palace authorities said there would be no such event and a spokesman for Mr. Mohamad, the 92-year-old veteran former Prime Minister, said he had not heard from the palace and had no plan to go there. Mr. Mohamad’s opposition \_\_ (D) \_\_ won the simple majority it required to form a new government in Wednesday’s polls, a stunning result that will end six decades of rule by a \_\_ (E) \_\_ he once led. Malaysians celebrated Mr. Mohamad’s unexpected victory over Prime Minister Najib Razak, whose popularity had \_\_ (F) \_\_ over rising living costs and in the wake of a multi-billion-dollar graft scandal at 1Malaysia Development Berhad (1MDB). Mr. Mohamad led the Southeast Asian nation for 22 years and his unexpected return to the prime ministership ends the previously unbroken rule of Barisan Nasional (BN), the coalition that had governed Malaysia \_\_ (G) \_\_ independence from Britain in 1957. “We are not

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Which of the following words most appropriately fits the blank labelled (J)?

- a. strengthen
- b. weekend
- c. heightened
- d. likened
- e. weakened



Your Personal Exams Guide

## Quantitative Aptitude

91. Aman, Rakesh and Vinay Started a business. They invested amount in the ratio 1 : 3 : 2 respectively for 7 months. After this they invested amounts in ratio 3 : 7 : 3 respectively for 5 months. The average investment of Aman and Rakesh is Rs. 3500 while the average investment of Vinay and Rakesh is Rs. 4200. (+1, -0.25)

Find the total investment of Vinay.

- a. 3250
- b. 4200
- c. 3275
- d. 3220
- e. 2467

92. Aman, Rakesh and Vinay Started a business. They invested amount in the ratio 1 : 3 : 2 respectively for 7 months. After this they invested amounts in ratio 3 : 7 : 3 respectively for 5 months. The average investment of Aman and Rakesh is Rs. 3500 while the average investment of Vinay and Rakesh is Rs. 4200. (+1, -0.25)

They received a profit of Rs. 11242 at the end of the year. Aman share in the profit is:

- a. 2032
- b. 2002
- c. 2000
- d. 2007
- e. 2150

93. Aman, Rakesh and Vinay Started a business. They invested amount in the ratio 1 : 3 : 2 respectively for 7 months. After this they invested amounts in ratio 3 : 7 : 3 respectively for 5 months. The average investment of Aman and Rakesh is Rs. 3500 while the average investment of Vinay and Rakesh is Rs. 4200. (+1, -0.25)

What is the ratio of the investment of Aman, Vinay and Rakesh respectively?

- a. 91 : 159 : 165
- b. 91 : 161 : 259
- c. 161 : 92 : 259
- d. 91 : 279 : 161
- e. 87 : 269 : 151

94. Aman, Rakesh and Vinay Started a business. They invested amount in the ratio 1 : 3 : 2 respectively for 7 months. After this they invested amounts in ratio 3 : 7 : 3 respectively for 5 months. The average investment of Aman and Rakesh is Rs. 3500 while the average investment of Vinay and Rakesh is Rs. 4200. (+1, -0.25)

If Aman Share in annual profit is Rs. 8350, find the total profit of Rakesh and Vinay.

- a. Rs. 38538.5
- b. Rs. 38438.5
- c. Rs. 48538.25
- d. Rs. 38490.58
- e. Rs. 55538.75

95. Aman, Rakesh and Vinay Started a business. They invested amount in the ratio 1 : 3 : 2 respectively for 7 months. After this they invested amounts in ratio 3 : 7 : 3 respectively for 5 months. The average investment of Aman and Rakesh is Rs. 3500 while the average investment of Vinay and Rakesh is Rs. 4200. (+1, -0.25)

How much more money did Rakesh invest than Vinay?

- a. Rs. 2550
- b. Rs. 1860
- c. Rs. 1960
- d. Rs. 1608
- e. Rs. 1750

96. **Directions:** Read the below passage and answer the questions that follow: (+1, -0.25)

Boat A is going \_\_\_(1)\_\_\_ at a speed of \_\_\_(2)\_\_\_ km/hr from point A in a stream of speed \_\_\_(3)\_\_\_ km/hr thus the speed of boat in still water is \_\_\_(4)\_\_\_ km/hr. After travelling a distance of \_\_\_(5)\_\_\_ in \_\_\_(6)\_\_\_ hours it reaches point B it turns around and reaches the starting point in \_\_\_(7)\_\_\_ hours. When the boat A leaves point A, boat B at point B starts travelling \_\_\_(8)\_\_\_.

If (1) is upstream and (2) and (3) is 18 and 4 respectively, then what is downstream speed ?

- a. 30 km/hr
- b. 26 km/hr
- c. 14 km/hr
- d. 10 km/hr
- e. None of the above

97. **Directions:** Read the below passage and answer the questions that follow:

(+1, -0.25)

Boat A is going \_\_\_(1)\_\_\_ at a speed of \_\_\_(2)\_\_\_ km/hr from point A in a stream of speed \_\_\_(3)\_\_\_ km/hr thus the speed of boat in still water is \_\_\_(4)\_\_\_ km/hr. After travelling a distance of \_\_\_(5)\_\_\_ in \_\_\_(6)\_\_\_ hours it reaches point B it turns around and reaches the starting point in \_\_\_(7)\_\_\_ hours. When the boat A leaves point A, boat B at point B starts travelling \_\_\_(8)\_\_\_.

If (1) is upstream and (3) is 3 and (4) is 30, what is (5) if (6) is 12?

- a. 324 km
- b. 360 km
- c. 396 km
- d. 432 km
- e. None of the above

98. **Directions:** Read the below passage and answer the questions that follow:

(+1, -0.25)

Boat A is going \_\_\_(1)\_\_\_ at a speed of \_\_\_(2)\_\_\_ km/hr from point A in a stream of speed \_\_\_(3)\_\_\_ km/hr thus the speed of boat in still water is \_\_\_(4)\_\_\_ km/hr. After travelling a distance of \_\_\_(5)\_\_\_ in \_\_\_(6)\_\_\_ hours it reaches point B it turns around and reaches the starting point in \_\_\_(7)\_\_\_ hours. When the boat A leaves point A, boat B at point B starts travelling \_\_\_(8)\_\_\_.

If (1) is downstream, (4) is 24 and (3) is 4. With (5) being 224 km and while coming back (4) decreased by 4 km/hr, what is the value of (6) + (7)?

- a.  $17\frac{1}{3}$  hours
- b.  $20\frac{8}{15}$  hours
- c.  $18\frac{1}{5}$  hours
- d. 22 hours
- e. None of the above

99. **Directions:** Read the below passage and answer the questions that follow:

(+1, -0.25)

Boat A is going \_\_\_(1)\_\_\_ at a speed of \_\_\_(2)\_\_\_ km/hr from point A in a stream of speed \_\_\_(3)\_\_\_ km/hr thus the speed of boat in still water is \_\_\_(4)\_\_\_ km/hr. After travelling a distance of \_\_\_(5)\_\_\_ in \_\_\_(6)\_\_\_ hours it reaches point B it turns around and reaches the starting point in \_\_\_(7)\_\_\_ hours. When the boat A leaves point A, boat B at point B starts travelling \_\_\_(8)\_\_\_.

(1) is upstream (4) and (3) is 28 and 4 respectively. (5) is 630 km and speed of boat B in still water is (4) less than by 2 with (8) being at same time. After how many hours do both the boats meet?

- a.  $11\frac{2}{3}$  hours

- b.  $17\frac{1}{3}$  hours
- c.  $8\frac{3}{5}$  hours
- d.  $9\frac{2}{3}$  hours
- e. None of the above

100. **Directions:** Read the below passage and answer the questions that follow:

(+1, -0.25)

Boat A is going \_\_\_(1)\_\_\_ at a speed of \_\_\_(2)\_\_\_ km/hr from point A in a stream of speed \_\_\_(3)\_\_\_ km/hr thus the speed of boat in still water is \_\_\_(4)\_\_\_ km/hr. After travelling a distance of \_\_\_(5)\_\_\_ in \_\_\_(6)\_\_\_ hours it reaches point B it turns around and reaches the starting point in \_\_\_(7)\_\_\_ hours. When the boat A leaves point A, boat B at point B starts travelling \_\_\_(8)\_\_\_.

(1) is downstream (4) and (3) is 35 and 3 respectively. (5) is 868 km and speed of boat B in still water is more than (4) by 2 with (8) is after two hours. After how many hours do both the boats meet with respect to A?

- a.  $13\frac{1}{6}$  hours
- b.  $13\frac{1}{9}$  hours
- c.  $12\frac{17}{18}$  hours
- d. 13 hours
- e. None of the above

101. What approximate value should come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value.)

(+1, -0.25)

$$(3996 + 2496 + 3897) \div 754 = ?$$

- a. 18
- b. 14
- c. 11
- d. 9
- e. 21

102. What approximate value should come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value.)

(+1, -0.25)

$$[(1.3)^2 \times (4.2)^2] \div 2.7 = ?$$

- a. 7

- b. 21
- c. 18
- d. 11
- e. 16

---

103. What **approximate** value will come in place of question mark in the following question? (+1, -0.25)

$$21 + 3.7 \times 2.9 = ?$$

- a. 11
- b. 32
- c. 40
- d. 60
- e. 100

---

104. What approximate value will come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.) (+1, -0.25)

$$\left(\frac{24.95}{9.88}\right)^2 \times \frac{1010}{624} + \frac{51}{499} = ?$$

- a. 10.1
- b. 15.1
- c. 5.3
- d. 20
- e. 2.3

---

105. What **approximate** value should come in place of the question mark (?) in the following question? (+1, -0.25)

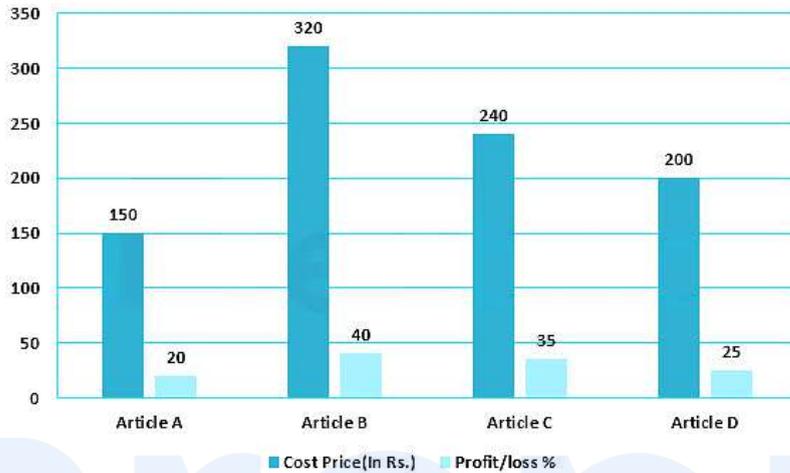
(Note: You are not expected to calculate the exact value.)

$$130 \times 17.94 \div 181 = ?$$

- a. 3
- b. 13
- c. 33
- d. 53

e. 43

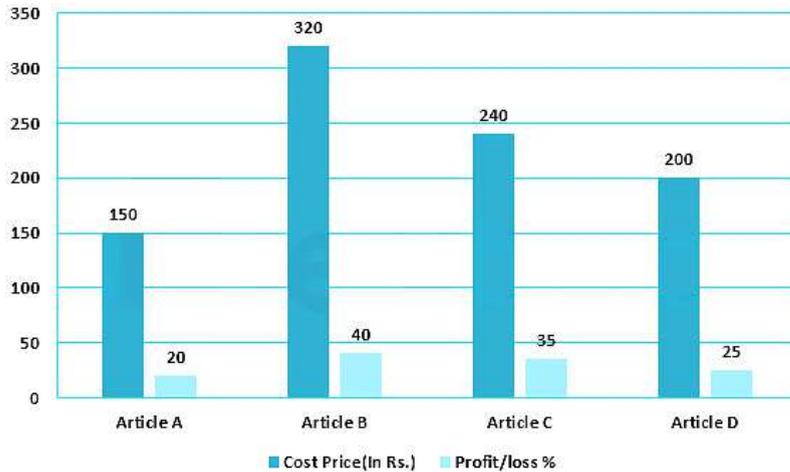
106. **Direction :** A shopkeeper sells four articles A, B, C and D. The Bar graph shows the Cost price (In Rs.) of the articles and Profit/loss percentage realized by the shopkeeper while selling these articles. Study the following bar graph carefully and answer the following questions. (+1, -0.25)



Find the total amount received and the gross profit/loss to the shopkeeper if he has sold article C and D at loss and article A and B at profit.

- a. Rs. 886 and 2.56% loss
- b. Rs. 934 and 2.63% profit
- c. Rs. 846 and 7.03% loss
- d. Rs. 974 and 7.03% profit
- e. None of these

107. **Direction :** A shopkeeper sells four articles A, B, C and D. The Bar graph shows the Cost price (In Rs.) of the articles and Profit/loss percentage realized by the shopkeeper while selling these articles. Study the following bar graph carefully and answer the following questions. (+1, -0.25)

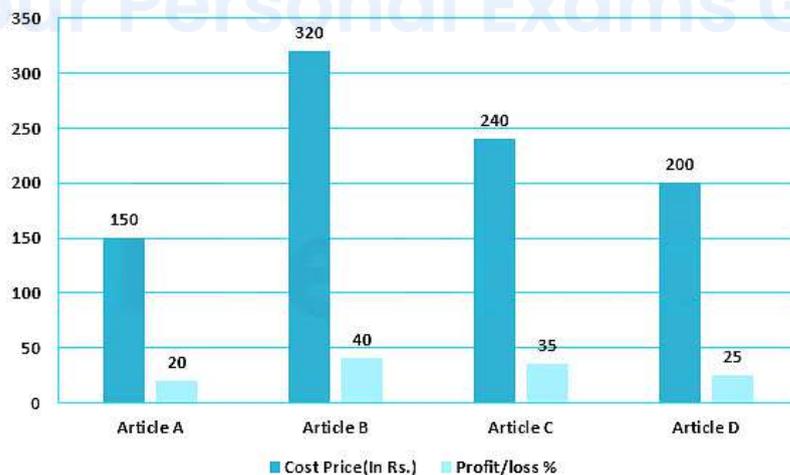


If 35 units of the article A are sold at loss and 48 units of article C are sold at profit then find the overall profit/loss percentage.

- a. 15.09%
- b. 18.47%
- c. 19.84%
- d. 17.78%
- e. None of these

108. **Direction :** A shopkeeper sells four articles A, B, C and D. The Bar graph shows the Cost price (In Rs.) of the articles and Profit/loss percentage realized by the shopkeeper while selling these articles. Study the following bar graph carefully and answer the following questions.

(+1, -0.25)

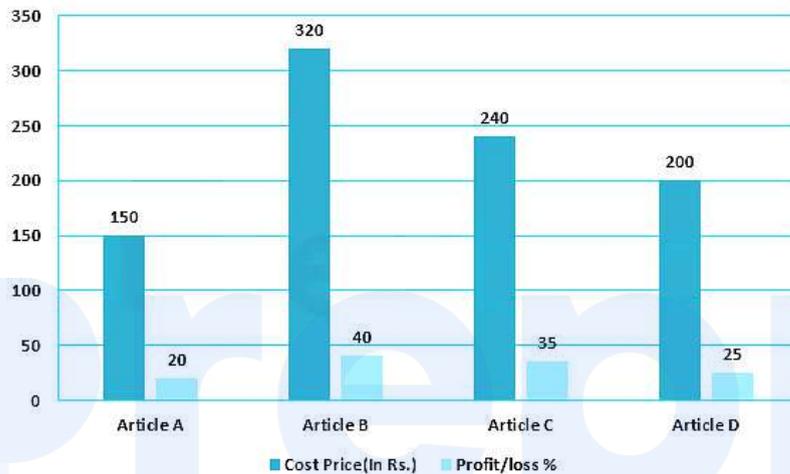


If the selling price of article A is 72% of the selling price of article D then which of the following is correct?

- a. A is sold at profit and D is sold at loss.

- b. Both A and D are sold at loss.
- c. A is sold at loss and D is sold at profit.
- d. Both A and D are sold at profit.
- e. None of these.

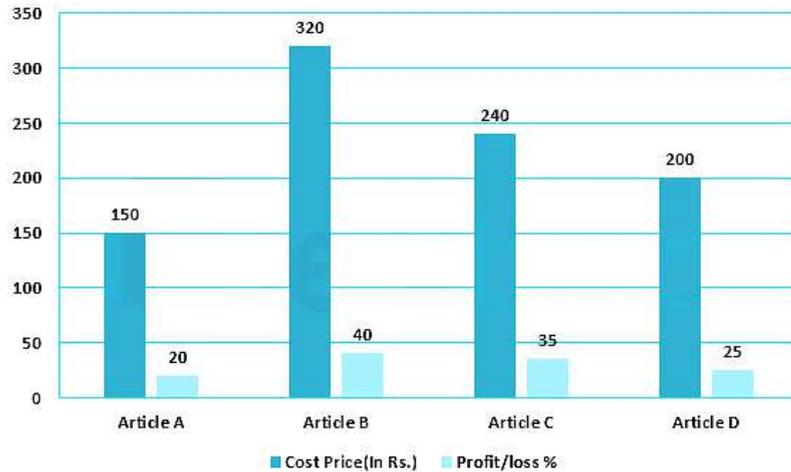
109. **Direction** : A shopkeeper sells four articles A, B, C and D. The Bar graph shows the Cost price (In Rs.) of the articles and Profit/loss percentage realized by the shopkeeper while selling these articles. Study the following bar graph carefully and answer the following questions. (+1, -0.25)



If the article B is first sold at loss to one customer at Rs. X and then at profit to another customer at Rs. Y, then find by how much percent Y is greater than X.

- a. 233.33%
- b. 57.14%
- c. 133.33%
- d. 33.33%
- e. None of these

110. **Direction** : A shopkeeper sells four articles A, B, C and D. The Bar graph shows the Cost price (In Rs.) of the articles and Profit/loss percentage realized by the shopkeeper while selling these articles. Study the following bar graph carefully and answer the following questions. (+1, -0.25)



If Article C is sold at loss and its marked price is Rs. 264, then find the difference between percentage discount and percentage markup of the article.

- a. 28.4%
- b. 36.5%
- c. 25%
- d. 40.9%
- e. 30.9%

111. Given below is a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements is sufficient to answer the question. You should use the given data and your knowledge of Mathematics to choose between the possible answers.

(+1, -0.25)

What is the ratio of ages of M and N?

I. M is 7 years younger than N.

II. After 14 years, the ratio of their ages will be 7 : 9.

- a. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- b. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- c. The data in statement I alone or in statement II alone is sufficient to answer the question.
- d. The data in both the statements I and II is not sufficient to answer the question.
- e. The data in both the statements I and II together is necessary to answer the question.

112. Given below is a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements is sufficient to answer the question. You should use the given data and your knowledge of Mathematics to choose between the possible answers. (+1, -0.25)

In a test, the maximum marks are 200. What is the average marks in a class of 30 students?

- I. Each of the students scored a 3 digit perfect square marks.
- II. Not more than 6 students have scored equal marks.
- a. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- b. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- c. The data in statement I alone or in statement II alone is sufficient to answer the question.
- d. The data in both the statements I and II is not sufficient to answer the question.
- e. The data in both the statements I and II together is necessary to answer the question.

- 
113. Given below is a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements is sufficient to answer the question. You should use the given data and your knowledge of Mathematics to choose between the possible answers. (+1, -0.25)

M and N are natural numbers. Is N odd?

- I. M is twice the N.
- II. Sum of M and N is odd.
- a. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- b. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- c. The data in statement I alone or in statement II alone is sufficient to answer the question.
- d. The data in both the statements I and II is not sufficient to answer the question.
- e. The data in both the statements I and II together is necessary to answer the question.

- 
114. A drum contains forty liters of whisky. Four liters of whisky is taken out and replaced by soda. This process is carried out twice further. How much whisky is now contained by the container? (+1, -0.25)

- a. 20
- b. 29.16

- c. 33.2
- d. 37.11
- e. 40.89

---

115. Jack and Finn can finish a work together in 6 hours, while Finn alone can do it in 10 hours. What is the ratio of efficiencies of Jack and Finn? (+1, -0.25)

- a. 1 : 2
- b. 2 : 3
- c. 3 : 4
- d. 3 : 5
- e. 4 : 5

---

116. A jar contains a mixture of two liquids A and B in the ratio 3 : 1. When 6 litres of the mixture is taken out and 10 litres of liquid B is poured into the jar, the ratio becomes 1 : 3. How many litres of liquid A was contained in the jar? (+1, -0.25)

- a. 12.25 litres
- b. 14.25 litres
- c. 16.25 litres
- d. 8.25 litres
- e. None of these

---

117. The speed of a boat itself is 30 km/h and the rate of flow of the stream is 5 km/h. Moving against the stream the boat went 200 m. What distance will the boat cover during the same time going in the direction of the stream? (+1, -0.25)

- a. 100 m
- b. 145 m
- c. 250 m
- d. 280 m
- e. 350 m

118. In the following question two equations are given. You have to solve these equations and determine relation between  $x$  and  $y$ . (+1, -0.25)

I.  $12x^2 + 7x + 1 = 0$

II.  $21y^2 + 4y - 1 = 0$

- a.  $x < y$
- b.  $x > y$
- c.  $x = y$  OR the relationship cannot be determined
- d.  $x \geq y$
- e.  $x \leq y$

119. In the following question two equations are given. You have to solve these equations and determine relation between  $x$  and  $y$ . (+1, -0.25)

I.  $10x^2 + 17.5x - 5 = 0$

II.  $52y^2 - 78y - 52 = 0$

- a.  $x < y$
- b.  $x > y$
- c.  $x = y$  OR the relationship cannot be determined
- d.  $x \geq y$
- e.  $x \leq y$

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120. In the following question two equations are given. You have to solve these equations and determine relation between  $x$  and  $y$ . (+1, -0.25)

I.  $5x^2 - 16x + 3 = 0$

II.  $3y^2 + 11y - 4 = 0$

- a.  $x < y$
- b.  $x > y$
- c.  $x = y$  OR the relationship cannot be determined
- d.  $x \geq y$
- e.  $x \leq y$

121. In the following question two equations are given. You have to solve these equations and determine relation between  $x$  and  $y$ . (+1, -0.25)

I.  $2x^2 - 15x + 13 = 0$

II.  $6y^2 - 5y + 1 = 0$

- a.  $x < y$
- b.  $x > y$
- c.  $x = y$  OR the relationship cannot be determined
- d.  $x \geq y$
- e.  $x \leq y$

122. In the following question two equations are given. You have to solve these equations and determine relation between  $x$  and  $y$ . (+1, -0.25)

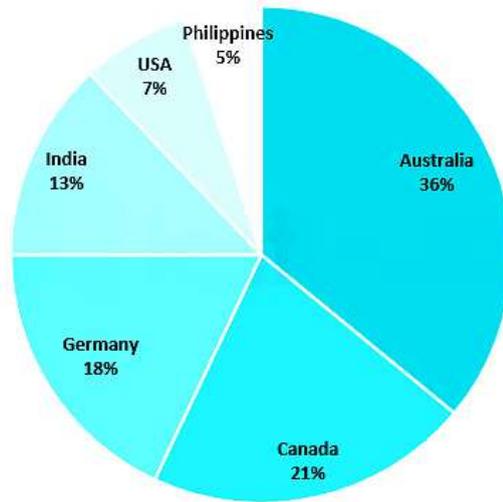
I.  $6x^2 - 28x - 10 = 0$

II.  $3y^2 - 23y - 8 = 0$

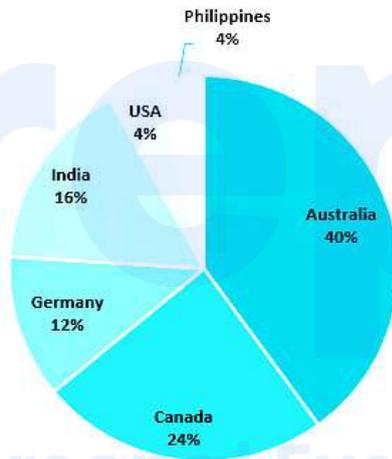
- a.  $x < y$
- b.  $x > y$
- c.  $x = y$  OR the relationship cannot be determined
- d.  $x \geq y$
- e.  $x \leq y$

123. **Directions:** The given pie-charts compares the total population and the female population of six countries, Australia, Canada, Germany, India, USA and Philippines. The first pie chart gives the percentage distribution of the total population of the six countries, while, the second pie chart gives the percentage distribution of the female population of the six countries. Study the pie-charts and answer the questions that follow. (+1, -0.25)

Total Population



Female Population

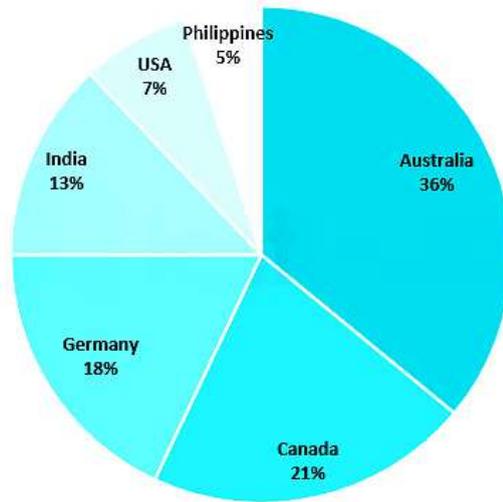


If the number of males in Canada is  $83\frac{1}{3}\%$  of the total population of Germany, then the number of males in Philippines is what percentage less than the number of males in USA?

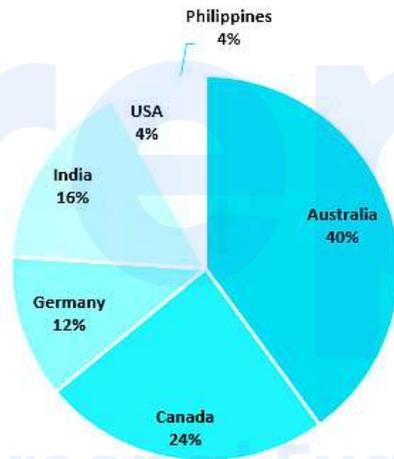
- a. 0%
- b. 25%
- c. 33.3%
- d. 50%
- e. 66.67%

124. **Directions:** The given pie-charts compares the total population and the female population of six countries, Australia, Canada, Germany, India, USA and Philippines. The first pie chart gives the percentage distribution of the total population of the six countries, while, the second pie chart gives the percentage distribution of the female population of the six countries. Study the pie-charts and answer the questions that follow. (+1, -0.25)

Total Population



Female Population

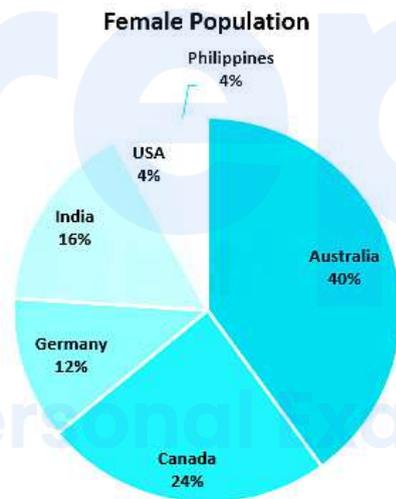
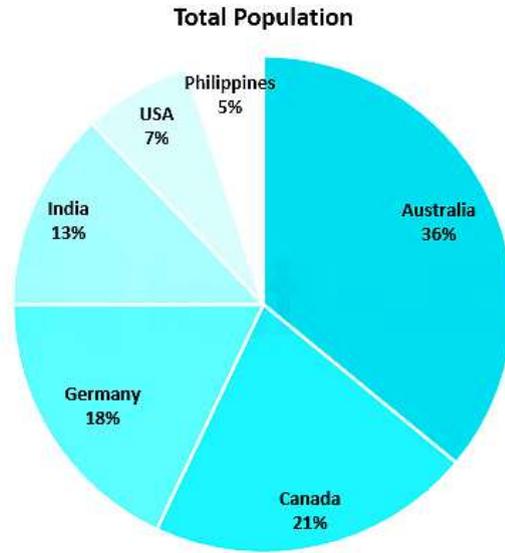


If the number of females in Germany is 116550 less than the total population of USA and Philippines, and the total population of Germany is 25900 less than 2 times the female population of Australia, then what is the female population of Germany?

- a. 31080
- b. 33670
- c. 34920
- d. 36260
- e. 38850

125. **Directions:** The given pie-charts compares the total population and the female population of six countries, ( +1, -0.25)  
Australia, Canada, Germany, India, USA and Philippines. The first pie chart gives the percentage distribution of

the total population of the six countries, while, the second pie chart gives the percentage distribution of the female population of the six countries. Study the pie-charts and answer the questions that follow.

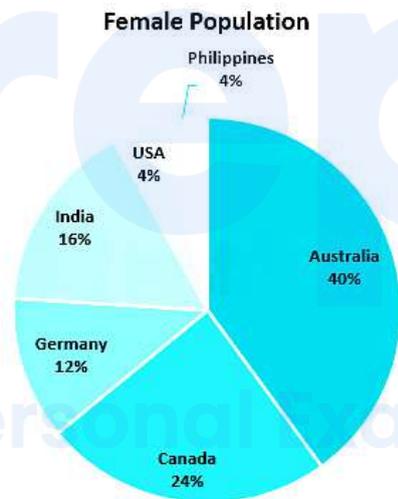
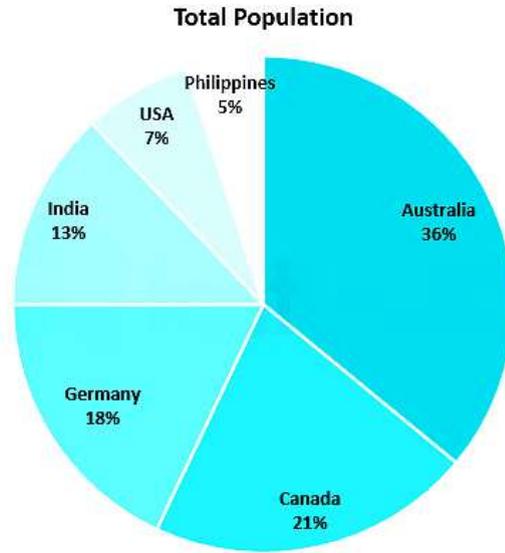


If the total number of females in India and USA is equal to the total population of the Philippines, then what is the ratio of the number of males in Australia to the number of females in Canada?

- a. 13 : 3
- b. 14 : 5
- c. 9 : 1
- d. 11 : 2
- e. 16 : 7

126. **Directions:** The given pie-charts compares the total population and the female population of six countries, Australia, Canada, Germany, India, USA and Philippines. The first pie chart gives the percentage distribution of ( +1, -0.25)

the total population of the six countries, while, the second pie chart gives the percentage distribution of the female population of the six countries. Study the pie-charts and answer the questions that follow.

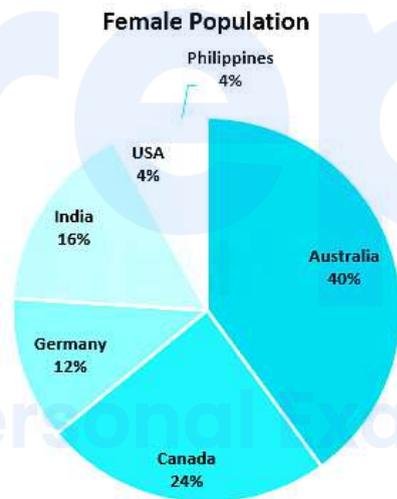
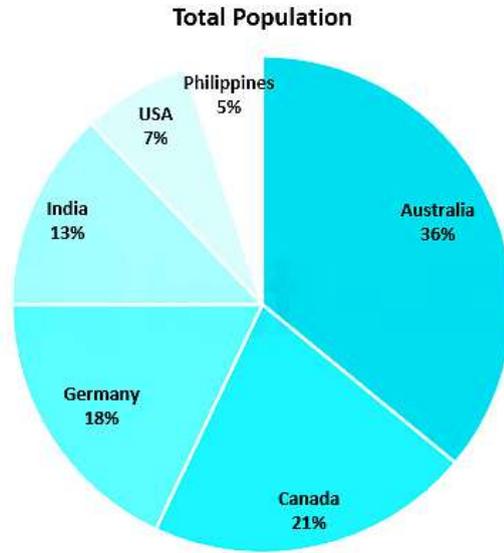


If the average population of Australia, Canada and Germany is 155400 more than the total population of India, then the total population of USA and Philippines is how much less than the total population of India?

- a. 11655
- b. 13500
- c. 15250
- d. 14625
- e. 12950

127. **Directions:** The given pie-charts compares the total population and the female population of six countries, Australia, Canada, Germany, India, USA and Philippines. The first pie chart gives the percentage distribution of ( +1, -0.25)

the total population of the six countries, while, the second pie chart gives the percentage distribution of the female population of the six countries. Study the pie-charts and answer the questions that follow.



The following question has three statements. Study the question and the statements and decide which of the statement(s) is necessary to answer the question.

What is the male to female ratio of India?

- I) The number of females in India is 51800.
- II) The male to female ratio of Canada is 5 : 2.
- III) The total population of India is 30% more than the female population of Australia.

- a. Only I
- b. Only II
- c. Only III

- d. Either I or II
- e. Either II or III

---

128. Given below are two quantities named A and B. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose between the possible answers. (+1, -0.25)

**Quantity A:** Gain percent when an article of cost price Rs. 1950 is sold for Rs. 2730.

**Quantity B:** Net percentage discount availed by customer when he gets three successive discounts of 20%, 15% and 10%

- a. Quantity B > Quantity A
- b. Quantity B < Quantity A
- c. Quantity B  $\geq$  Quantity A
- d. Quantity B  $\leq$  Quantity A
- e. Quantity B = Quantity A

---

129. Given below are two quantities named A and B. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose between the possible answers. (+1, -0.25)

**Quantity A:** Area of a rectangle (in  $\text{cm}^2$ ) having sides in ratio 3 : 5 and difference of sides 10 cm

**Quantity B:** Area of a circle (in  $\text{cm}^2$ ) having circumference 66 cm

- a. Quantity B > Quantity A
- b. Quantity B < Quantity A
- c. Quantity B  $\geq$  Quantity A
- d. Quantity B  $\leq$  Quantity A
- e. Quantity B = Quantity A

---

130. Given below are two quantities named A and B. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose between the possible answers. (+1, -0.25)

**Quantity A:** Sum of cubes of single-digit odd numbers

**Quantity B:** Square of LCM of 7 and 5

- a. Quantity B > Quantity A
- b. Quantity B < Quantity A

- c. Quantity B  $\geq$  Quantity A
- d. Quantity B  $\leq$  Quantity A
- e. Quantity B = Quantity A

---

131. Given below are two quantities named A and B. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose between the possible answers. (+1, -0.25)

**Quantity A:** Maximum marks in an exam if Suman got 35% marks and failed to score 40% by 20 marks.

**Quantity B:** Sum of first 28 natural numbers

- a. Quantity B  $>$  Quantity A
- b. Quantity B  $<$  Quantity A
- c. Quantity B  $\geq$  Quantity A
- d. Quantity B  $\leq$  Quantity A
- e. Quantity B = Quantity A

---

132. Given below are two quantities named A and B. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose between the possible answers. (+1, -0.25)

**Quantity A:** 19% of  $(32 \times 8 \div 16 \text{ of } 4)$  of 400000

**Quantity B:**  $56^2 - 96 + 2^{7x+8} \div 256 \div 2^{7x}$

- a. Quantity B  $>$  Quantity A
- b. Quantity B  $<$  Quantity A
- c. Quantity B  $\geq$  Quantity A
- d. Quantity B  $\leq$  Quantity A
- e. Quantity B = Quantity A

---

133. Two trains 300 m and 400 m long run at the speeds of 40 kmph and 50 kmph respectively in opposite directions on parallel tracks. The time taken to cross each other is: (+1, -0.25)

- a. 15 sec
- b. 20 sec
- c. 28 sec

d. 32 sec

e. 10 sec

---

134. A leak can empty a completely filled tank in 15 hours. If the tank is full of water and a tap is opened which fills 4 litres of water per minute in the tank. The leak now takes 30 hours to empty the tank, then find the capacity of tank. (+1, -0.25)

a. 8000 litre

b. 9000 litre

c. 7200 litre

d. 11000 litre

e. None of these

---

135. A man invests Rs. 6000 for 3 years at 8% p.a. compound interest reckoned yearly. Income tax at the rate of 20% on the interest earned is deducted at the end of each year. Find the amount at the end of the third year. (+1, -0.25)

a. Rs. 7125.42

b. Rs. 7546.8

c. Rs. 6792.6

d. Rs. 7227.3

e. Rs. 6046.62

---

136. **Direction:** study the table and answer the questions. (+1, -0.25)

Data related to different banks, their branches and Employees.

Banks	Branches	Total employees	ratio of male and female employee	% of MBA Graduated
A	16	5136	5 : 7	75
B	18	5760	11 : 5	65
C	14	4620	10 : 11	40
D	22	7150	3 : 2	60
E	13	4108	7 : 6	50
F	17	5576	20 : 21	75
G	24	7440	8 : 7	55
H	21	6720	8 : 6	80

What is the ratio between the total number of male employees in Banks B and H together and total number of employees in same total no of MBA holder employees in same Bank.

- a. 76 : 65
- b. 86 : 85
- c. 75 : 76
- d. 65 : 76
- e. 12 : 33

137. **Direction:** study the table and answer the questions.

(+1, -0.25)

Data related to different banks, their branches and Employees.

Banks	Branches	Total employees	ratio of male and female employee	% of MBA Graduated
A	16	5136	5 : 7	75
B	18	5760	11 : 5	65
C	14	4620	10 : 11	40
D	22	7150	3 : 2	60
E	13	4108	7 : 6	50
F	17	5576	20 : 21	75
G	24	7440	8 : 7	55
H	21	6720	8 : 6	80

Which Bank has the 2<sup>nd</sup> highest no of average employees per Branch?

- a. D
- b. H
- c. G
- d. A
- e. F

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138. Direction: study the table and answer the questions.

(+1, -0.25)

Data related to different banks, their branches and Employees.

Banks	Branches	Total employees	ratio of male and female employee	% of MBA Graduated
A	16	5136	5 : 7	75
B	18	5760	11 : 5	65
C	14	4620	10 : 11	40
D	22	7150	3 : 2	60
E	13	4108	7 : 6	50
F	17	5576	20 : 21	75
G	24	7440	8 : 7	55
H	21	6720	8 : 6	80

The number of male MBA holder employee in Bank H is 3600. If no of female MBA holders increases by 50 % in next year, what % of female employees in that particular bank is /MBA holders.

- a. 76.5%
- b. 74%
- c. 92.5%
- d. 90%
- e. 80%

139. Direction: study the table and answer the questions.

(+1, -0.25)

Data related to different banks, their branches and Employees.

Banks	Branches	Total employees	ratio of male and female employee	% of MBA Graduated
A	16	5136	5 : 7	75
B	18	5760	11 : 5	65
C	14	4620	10 : 11	40
D	22	7150	3 : 2	60
E	13	4108	7 : 6	50
F	17	5576	20 : 21	75
G	24	7440	8 : 7	55
H	21	6720	8 : 6	80

What is the difference between average no of MBA holder employees in Bank A, B, and D together and average no of MBA holder employee in Banks F, G and H together?

- a. 588
- b. 564
- c. 568
- d. 560
- e. 400

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140. **Direction:** study the table and answer the questions.

(+1, -0.25)

Data related to different banks, their branches and Employees.

Banks	Branches	Total employees	ratio of male and female employee	% of MBA Graduated
A	16	5136	5 : 7	75
B	18	5760	11 : 5	65
C	14	4620	10 : 11	40
D	22	7150	3 : 2	60
E	13	4108	7 : 6	50
F	17	5576	20 : 21	75
G	24	7440	8 : 7	55
H	21	6720	8 : 6	80

In which of these banks, the percentage of women employees to number of employee both male and female is ranked second lowest.

- a. E
- b. B
- c. D
- d. F
- e. A

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## Reasoning Ability & Computer Aptitude

141. **Directions:** Read the following information carefully and answer the given question.

(+1.2, -0.3)

A word and number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of an input and rearrangement steps.

Input: 78 37 59 18 48 97 63 47

Step 1: 09 78 37 59 48 63 47 02

Step 2: 10 09 59 48 63 47 02 01

Step 3: 11 10 09 59 48 02 01 03

Step 4: 12 11 10 09 02 01 03 04

Step 5: 01 02 03 04 09 10 11 12

And step 5th is the last step of the above input as the desired arrangement is obtained.

As per the rules followed in the above steps, find out in the following questions the appropriate step for the given input.

Input: 87 73 95 81 84 79 36 74

In step 3, which number comes to the left of 79?

- a. 74
- b. 81
- c. 95
- d. 73
- e. None of these

142. **Directions:** Read the following information carefully and answer the given question.

(+1.2, -0.3)

A word and number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of an input and rearrangement steps.

Input: 78 37 59 18 48 97 63 47

Step 1: 09 78 37 59 48 63 47 02

Step 2: 10 09 59 48 63 47 02 01

Step 3: 11 10 09 59 48 02 01 03

Step 4: 12 11 10 09 02 01 03 04

Step 5: 01 02 03 04 09 10 11 12

And step 5th is the last step of the above input as the desired arrangement is obtained.

As per the rules followed in the above steps, find out in the following questions the appropriate step for the given input.

Input: 87 73 95 81 84 79 36 74

In step 1, if 79 is related to 04 and in a similar way 74 is related to 01 in step 2. Then in step 4, which 10 is related to?

- a. 01
- b. 02
- c. 03
- d. 04
- e. 05

143. **Directions:** Read the following information carefully and answer the given question.

(+1.2, -0.3)

A word and number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of an input and rearrangement steps.

Input: 78 37 59 18 48 97 63 47

Step 1: 09 78 37 59 48 63 47 02

Step 2: 10 09 59 48 63 47 02 01

Step 3: 11 10 09 59 48 02 01 03

Step 4: 12 11 10 09 02 01 03 04

Step 5: 01 02 03 04 09 10 11 12

And step 5th is the last step of the above input as the desired arrangement is obtained.

As per the rules followed in the above steps, find out in the following questions the appropriate step for the given input.

Input: 87 73 95 81 84 79 36 74

find the average of numbers of the first no. from right end in step 1, second no. from right end in step 2, third no from right end in step 3 and fourth no from right end in step 4.

- a. 12
- b. 04
- c. 08
- d. Can't be determined
- e. 09

144. **Directions:** Read the following information carefully and answer the given question.

(+1.2, -0.3)

A word and number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of an input and rearrangement steps.

Input: 78 37 59 18 48 97 63 47

Step 1: 09 78 37 59 48 63 47 02

Step 2: 10 09 59 48 63 47 02 01

Step 3: 11 10 09 59 48 02 01 03

Step 4: 12 11 10 09 02 01 03 04

Step 5: 01 02 03 04 09 10 11 12

And step 5th is the last step of the above input as the desired arrangement is obtained.

As per the rules followed in the above steps, find out in the following questions the appropriate step for the given input.

Input: 87 73 95 81 84 79 36 74

find the difference between the numbers.

In step 2, third no from right end and in step 3 fourth no. from the left end.

- a. 07
- b. 11
- c. 15
- d. 09
- e. 13

145. **Directions:** Read the following information carefully and answer the given question.

(+1.2, -0.3)

A word and number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of an input and rearrangement steps.

Input: 78 37 59 18 48 97 63 47

Step 1: 09 78 37 59 48 63 47 02

Step 2: 10 09 59 48 63 47 02 01

Step 3: 11 10 09 59 48 02 01 03

Step 4: 12 11 10 09 02 01 03 04

Step 5: 01 02 03 04 09 10 11 12

And step 5th is the last step of the above input as the desired arrangement is obtained.

As per the rules followed in the above steps, find out in the following questions the appropriate step for the given input.

Input: 87 73 95 81 84 79 36 74

What is the position of '10' in step 5 from right end?

- a. 7<sup>th</sup>
- b. 4<sup>th</sup>
- c. 5<sup>th</sup>
- d. 3<sup>rd</sup>
- e. 2<sup>nd</sup>

**146. Directions:** Direction: Study the following information carefully and answer the question given below.

(+1.2, -0.3)

Ten vehicles viz. Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane are given with their speeds viz. 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575 but not necessarily in the same order. These vehicles are placed in two rows in such a way that five vehicles are in each row and each vehicle from one row is exactly opposite a vehicle from the other row. All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

The car is sitting third to the extreme end and facing North. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr. Boat is somewhere left of truck. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other. The one who faces Train sits third to the Scooter who has a speed of multiple of 5. Truck faces car. Aeroplane is sitting at the extreme end and has the highest speed. The ones who have speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train. Truck has speed 55 km/hr. Motorcycle is not at the extreme end.

Find the difference between speed of motorcycle and truck?

- a. 170 km/hr
- b. 171 km/hr
- c. 169 km/hr
- d. 168 km/hr
- e. 165 km/hr

**147. Directions:** Direction: Study the following information carefully and answer the question given below.

(+1.2, -0.3)

Ten vehicles viz. Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane are given with their speeds viz. 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575 but not necessarily in the same order. These vehicles are placed in two rows in such a way that five vehicles are in each row and each vehicle from one

row is exactly opposite a vehicle from the other row. All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

The car is sitting third to the extreme end and facing North. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr. Boat is somewhere left of truck. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other. The one who faces Train sits third to the Scooter who has a speed of multiple of 5. Truck faces car. Aeroplane is sitting at the extreme end and has the highest speed. The ones who have speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train. Truck has speed 55 km/hr. Motorcycle is not at the extreme end.

Find the odd one out?

- a. Cycle
- b. Aeroplane
- c. Helicopter
- d. Auto
- e. Scooter

**148. Directions:** Direction: Study the following information carefully and answer the question given below.

(+1.2, -0.3)

Ten vehicles viz. Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane are given with their speeds viz. 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575 but not necessarily in the same order. These vehicles are placed in two rows in such a way that five vehicles are in each row and each vehicle from one row is exactly opposite a vehicle from the other row. All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

The car is sitting third to the extreme end and facing North. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr. Boat is somewhere left of truck. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other. The one who faces Train sits third to the Scooter who has a speed of multiple of 5. Truck faces car. Aeroplane is sitting at the extreme end and has the highest speed. The ones who have speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train. Truck has speed 55 km/hr. Motorcycle is not at the extreme end.

What is the speed of auto?

- a. 224 km/hr
- b. 35 km/hr
- c. 70 km/hr
- d. 45 km/hr
- e. 55 Km/hr

149. **Directions:** Direction: Study the following information carefully and answer the question given below.

(+1.2, -0.3)

Ten vehicles viz. Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane are given with their speeds viz. 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575 but not necessarily in the same order. These vehicles are placed in two rows in such a way that five vehicles are in each row and each vehicle from one row is exactly opposite a vehicle from the other row. All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

The car is sitting third to the extreme end and facing North. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr. Boat is somewhere left of truck. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other. The one who faces Train sits third to the Scooter who has a speed of multiple of 5. Truck faces car. Aeroplane is sitting at the extreme end and has the highest speed. The ones who have speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train. Truck has speed 55 km/hr. Motorcycle is not at the extreme end.

Who among the following is placed to the immediate left of boat?

- a. Train
- b. Car
- c. Scooter
- d. Cycle
- e. Truck

150. **Directions:** Direction: Study the following information carefully and answer the question given below.

(+1.2, -0.3)

Ten vehicles viz. Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane are given with their speeds viz. 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575 but not necessarily in the same order. These vehicles are placed in two rows in such a way that five vehicles are in each row and each vehicle from one row is exactly opposite a vehicle from the other row. All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

The car is sitting third to the extreme end and facing North. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr. Boat is somewhere left of truck. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other. The one who faces Train sits third to the Scooter who has a speed of multiple of 5. Truck faces car. Aeroplane is sitting at the extreme end and has the highest speed. The ones who have speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train. Truck has speed 55 km/hr. Motorcycle is not at the extreme end.

What is the sum of speeds of car and cycle?

- a. 95 km/hr
- b. 54 km/hr

- c. 36 km/hr
- d. 39 km/hr
- e. 64 km/hr

151. **Direction:** Study the following information carefully and answer the question based on it. (+1.2, -0.3)

In a coded language !, @, #, \$, %, ^ are represented by 2, 12, 6, 3, 1 and 5 respectively.

When any two symbols are used together then one of them represents the number at which hour hand is positioned and other represents the number at which minute hand is positioned in a clock.

Consider all-time at pm.

A chemical reactions A takes place in a laboratory, A starts at %% and takes two hours and 20 mintues to complete . At what time the reaction will complete?

- a. !\$
- b. #%
- c. \$\$
- d. \$^
- e. ^%

152. **Direction:** Study the following information carefully and answer the question based on it. (+1.2, -0.3)

In a coded language !, @, #, \$, %, ^ are represented by 2, 12, 6, 3, 1 and 5 respectively.

When any two symbols are used together then one of them represents the number at which hour hand is positioned and other represents the number at which minute hand is positioned in a clock.

Consider all-time at pm.

The distance between town X and town Y is 180 km. A car leaves town X at @% and has an average speed of 60 km/hr. At what time it is expected to reach town Y if the car reaches the town Y before 3:30 pm?

- a. ^#
- b. \$^
- c. !^
- d. \$%
- e. None of the above

153. **Direction:** Study the following information carefully and answer the question based on it. (+1.2, -0.3)

In a coded language !, @, #, \$, %, ^ are represented by 2, 12, 6, 3, 1 and 5 respectively.

When any two symbols are used together then one of them represents the number at which hour hand is positioned and other represents the number at which minute hand is positioned in a clock.

Consider all-time at pm.

One drop of water, falls every 5 minutes from a tap. How many times will it fall between !^ and \$\$ starting at !^?

- a. More than 7 times
- b. Either 1 or 2 times
- c. 1 time
- d. 2 times
- e. 10 times

154. **Direction:** Study the following information carefully and answer the question based on it.

(+1.2, -0.3)

In a coded language !, @, #, \$, %, ^ are represented by 2, 12, 6, 3, 1 and 5 respectively.

When any two symbols are used together then one of them represents the number at which hour hand is positioned and other represents the number at which minute hand is positioned in a clock.

Consider all-time at pm.

Two trains A and B are scheduled to arrive at same time, train A is ## hours late and train B is running %% hours late than the scheduled time. What is the difference in the time of arrival of both the trains?

- a. ^^
- b. # \$
- c. @ #
- d. ! ^
- e. Cannot be determined

155. **Direction:** Study the following information carefully and answer the question based on it.

(+1.2, -0.3)

In a coded language !, @, #, \$, %, ^ are represented by 2, 12, 6, 3, 1 and 5 respectively.

When any two symbols are used together then one of them represents the number at which hour hand is positioned and other represents the number at which minute hand is positioned in a clock.

Consider all-time at pm.

Shreena starts her automatic washing machine at @@ & it auto stops after completing its first lot at @. She stops the machine after completing all the lots at @. She takes a break of 15 minutes after every lot to do another work. How many cycles of break and washing did Shreena washed?

- a. 6
- b. 12
- c. 8
- d. 7
- e. None of the above

156. **Direction:** Study the given information carefully and answer the following questions.

(+1.2, -0.3)

There are 8 persons – A, B, C, D, E, F, G and H sitting on tables such that those who like flowers – Lily, Daisy, Poppy and Jasmine, sitting on the middle of the sides of inner table and those who like fruits – Banana, Apple, Orange and Mango, sitting on the corner of the outer table and their faces may be towards inner side and outer side but not necessary that the person sitting on inner table face towards the outer table and vice – versa. The order is not necessarily same.

E is on the corner left of B and left of C. H who does not like mango is on front of D but facing away from center. D is facing towards outer table in North direction but does not like Jasmine. A and C are opposite of each other on the same table facing towards center. The one who likes Apple is on the opposite corner of the table from the one who like Mango. A likes Poppy and facing towards center of the table. The one who like Jasmine is left of Daisy. The one who likes Mango is on the left corner of D. G is behind the one who is opposite of D and G and H are not in a line. The one who likes Daisy is facing away from the center. G like Banana and facing away from the center of the table. B does not like Lily and not opposite of the one who likes Jasmine.

Which person like Lily Flower?

- a. B
- b. D
- c. F
- d. H
- e. None of these

157. **Direction:** Study the given information carefully and answer the following questions.

(+1.2, -0.3)

There are 8 persons – A, B, C, D, E, F, G and H sitting on tables such that those who like flowers – Lily, Daisy, Poppy and Jasmine, sitting on the middle of the sides of inner table and those who like fruits – Banana, Apple, Orange and Mango, sitting on the corner of the outer table and their faces may be towards inner side and outer side but not necessary that the person sitting on inner table face towards the outer table and vice – versa. The order is not necessarily same.

E is on the corner left of B and left of C. H who does not like mango is on front of D but facing away from center. D is facing towards outer table in North direction but does not like Jasmine. A and C are opposite of each other on the same table facing towards center. The one who likes Apple is on the opposite corner of the table from the one who like Mango. A likes Poppy and facing towards center of the table. The one who like Jasmine is left of Daisy. The one who likes Mango is on the left corner of D. G is behind the one who is opposite

of D and G and H are not in a line. The one who likes Daisy is facing away from the center. G like Banana and facing away from the center of the table. B does not like Lily and not opposite of the one who likes Jasmine.

Which fruit the person H likes and in which direction he is facing?

- a. Apple, towards table center
- b. Orange, away from table center
- c. Banana, away from table center
- d. Banana, unknown direction
- e. None of these

158. **Direction:** Study the given information carefully and answer the following questions.

(+1.2, -0.3)

There are 8 persons - A, B, C, D, E, F, G and H sitting on tables such that those who like flowers - Lily, Daisy, Poppy and Jasmine, sitting on the middle of the sides of inner table and those who like fruits - Banana, Apple, Orange and Mango, sitting on the corner of the outer table and their faces may be towards inner side and outer side but not necessary that the person sitting on inner table face towards the outer table and vice - versa. The order is not necessarily same.

E is on the corner left of B and left of C. H who does not like mango is on front of D but facing away from center. D is facing towards outer table in North direction but does not like Jasmine. A and C are opposite of each other on the same table facing towards center. The one who likes Apple is on the opposite corner of the table from the one who like Mango. A likes Poppy and facing towards center of the table. The one who like Jasmine is left of Daisy. The one who likes Mango is on the left corner of D. G is behind the one who is opposite of D and G and H are not in a line. The one who likes Daisy is facing away from the center. G like Banana and facing away from the center of the table. B does not like Lily and not opposite of the one who likes Jasmine.

On which side the person who likes Jasmine is facing?

- a. Towards table center
- b. Away from table center
- c. Either (1) or (2)
- d. Data inadequate
- e. None of these

159. **Direction:** Study the given information carefully and answer the following questions.

(+1.2, -0.3)

There are 8 persons - A, B, C, D, E, F, G and H sitting on tables such that those who like flowers - Lily, Daisy, Poppy and Jasmine, sitting on the middle of the sides of inner table and those who like fruits - Banana, Apple, Orange and Mango, sitting on the corner of the outer table and their faces may be towards inner side and outer side but not necessary that the person sitting on inner table face towards the outer table and vice - versa. The order is not necessarily same.

E is on the corner left of B and left of C. H who does not like mango is on front of D but facing away from center. D is facing towards outer table in North direction but does not like Jasmine. A and C are opposite of each other on the same table facing towards center. The one who likes Apple is on the opposite corner of the table from the one who like Mango. A likes Poppy and facing towards center of the table. The one who like Jasmine is left of Daisy. The one who likes Mango is on the left corner of D. G is behind the one who is opposite of D and G and H are not in a line. The one who likes Daisy is facing away from the center. G like Banana and facing away from the center of the table. B does not like Lily and not opposite of the one who likes Jasmine.

Which person are there whose facing side is unknown?

- a. F and E
- b. B and G
- c. B and F
- d. B and E
- e. None of these

160. **Direction:** Study the given information carefully and answer the following questions.

(+1.2, -0.3)

There are 8 persons - A, B, C, D, E, F, G and H sitting on tables such that those who like flowers - Lily, Daisy, Poppy and Jasmine, sitting on the middle of the sides of inner table and those who like fruits - Banana, Apple, Orange and Mango, sitting on the corner of the outer table and their faces may be towards inner side and outer side but not necessary that the person sitting on inner table face towards the outer table and vice - versa. The order is not necessarily same.

E is on the corner left of B and left of C. H who does not like mango is on front of D but facing away from center. D is facing towards outer table in North direction but does not like Jasmine. A and C are opposite of each other on the same table facing towards center. The one who likes Apple is on the opposite corner of the table from the one who like Mango. A likes Poppy and facing towards center of the table. The one who like Jasmine is left of Daisy. The one who likes Mango is on the left corner of D. G is behind the one who is opposite of D and G and H are not in a line. The one who likes Daisy is facing away from the center. G like Banana and facing away from the center of the table. B does not like Lily and not opposite of the one who likes Jasmine.

Which fruit the person likes who is right of Lily and Jasmine?

- a. Apple
- b. Banana
- c. Orange
- d. Mango
- e. None of the above

161. **Direction:** The words in the question labeled as A, B, C and D are represented by the group of digit/symbol based on the following coding system. Group (Word - Digit/Symbol) that follows the given conditions mark

(+1.2, -0.3)

them as your answers. If none of the four combinations of digit/symbol correctly represent the word, mark (5) i.e. 'None of these' as the answer.

All the vowels in the alphabets are excluded and rest of the consonants are coded as follows:-

B as 1, C as 2, D as 3, up to 7, and then again start with 1, 2, ... 7, 1, 2 ... so on up to Z.

**Conditions:**

- I. If the words start with vowel and ends with consonants then code for both is to be ☒.
- II. If the words start with consonants and ends with vowel then the code for both of them is \$.
- III. If the word starts and ends with either consonants or vowel (i.e. both should be consonants or both should be vowels) then both are to be coded as \*.
- IV. If a vowel come in between 1<sup>st</sup> and last letter and previous consonant before that vowel comes before M then, the vowel is to be coded as % and the consonant is to be coded as #.
- V. If a vowel come in between 1<sup>st</sup> and last letter and the previous consonants before that vowel comes after M, then the vowel is to be coded as @ and the consonant is to be coded as?.

Which of the following is true?

- A. SCAM = \*#%\*
  - B. PLANT = \*#%4\*
  - C. ENEMY = \*?@23\*
  - D. CRANE = ?@4
- a. A and B
  - b. B and C
  - c. A, B, C
  - d. All A, B and D
  - e. None

**162. Direction:** The words in the question labeled as A, B, C and D are represented by the group of digit/symbol based on the following coding system. Group (Word – Digit/Symbol) that follows the given conditions mark them as your answers. If none of the four combinations of digit/symbol correctly represent the word, mark (5) i.e. 'None of these' as the answer. (+1.2, -0.3)

All the vowels in the alphabets are excluded and rest of the consonants are coded as follows:-

B as 1, C as 2, D as 3, up to 7, and then again start with 1, 2, ... 7, 1, 2 ... so on up to Z.

**Conditions:**

- I. If the words start with vowel and ends with consonants then code for both is to be ☒.

- II. If the words start with consonants and ends with vowel then the code for both of them is \$.
- III. If the word starts and ends with either consonants or vowel (i.e. both should be consonants or both should be vowels) then both are to be coded as \*.
- IV. If a vowel come in between 1<sup>st</sup> and last letter and previous consonant before that vowel comes before M then, the vowel is to be coded as % and the consonant is to be coded as #.
- V. If a vowel come in between 1<sup>st</sup> and last letter and the previous consonants before that vowel comes after M, then the vowel is to be coded as @ and the consonant is to be coded as?.

Which of the following is true?

- A. TREND = \*?@4
  - B. PLANE = \$#%4\$
  - C. TRIM = \*?@\*
  - D. APPLE = \*@62\*
- a. A and B
  - b. B and C
  - c. A and D
  - d. All A, B and C
  - e. None of these

**163. Direction:** The words in the question labeled as A, B, C and D are represented by the group of digit/symbol based on the following coding system. Group (Word – Digit/Symbol) that follows the given conditions mark them as your answers. If none of the four combinations of digit/symbol correctly represent the word, mark (5) i.e. 'None of these' as the answer. (+1.2, -0.3)

All the vowels in the alphabets are excluded and rest of the consonants are coded as follows:-

B as 1, C as 2, D as 3, up to 7, and then again start with 1, 2, ... 7, 1, 2 ... so on up to Z.

**Conditions:**

- I. If the words start with vowel and ends with consonants then code for both is to be ☒.
- II. If the words start with consonants and ends with vowel then the code for both of them is \$.
- III. If the word starts and ends with either consonants or vowel (i.e. both should be consonants or both should be vowels) then both are to be coded as \*.
- IV. If a vowel come in between 1<sup>st</sup> and last letter and previous consonant before that vowel comes before M then, the vowel is to be coded as % and the consonant is to be coded as #.
- V. If a vowel come in between 1<sup>st</sup> and last letter and the previous consonants before that vowel comes after M, then the vowel is to be coded as @ and the consonant is to be coded as?.

Which of the following is true?

- A. ITEM = 8?@8
  - B. SYMBOL = \*56#%\*
  - C. BRUSH = \*?@6\*
  - D. ETHER = 82#%8
- a. A and B
  - b. B and C
  - c. A and D
  - d. B, C and D
  - e. None of these

**164. Direction:** The words in the question labeled as A, B, C and D are represented by the group of digit/symbol based on the following coding system. Group (Word – Digit/Symbol) that follows the given conditions mark them as your answers. If none of the four combinations of digit/symbol correctly represent the word, mark (5) i.e. 'None of these' as the answer. (+1.2, -0.3)

All the vowels in the alphabets are excluded and rest of the consonants are coded as follows:-

B as 1, C as 2, D as 3, up to 7, and then again start with 1, 2, ... 7, 1, 2 ... so on up to Z.

**Conditions:**

- I. If the words start with vowel and ends with consonants then code for both is to be 8.
- II. If the words start with consonants and ends with vowel then the code for both of them is \$.
- III. If the word starts and ends with either consonants or vowel (i.e. both should be consonants or both should be vowels) then both are to be coded as \*.
- IV. If a vowel come in between 1<sup>st</sup> and last letter and previous consonant before that vowel comes before M then, the vowel is to be coded as % and the consonant is to be coded as #.
- V. If a vowel come in between 1<sup>st</sup> and last letter and the previous consonants before that vowel comes after M, then the vowel is to be coded as @ and the consonant is to be coded as?.

Which of the following is true?

- A. WRIST = \*?@9\*
  - B. FROST = \*?@98
  - C. TRUTH = \*?@1\*
  - D. BRICK = \*?@3\*
- a. A and C

- b. B and C
- c. A and D
- d. B and D
- e. None of these

**165. Direction:** The words in the question labeled as A, B, C and D are represented by the group of digit/symbol based on the following coding system. Group (Word – Digit/Symbol) that follows the given conditions mark them as your answers. If none of the four combinations of digit/symbol correctly represent the word, mark (5) i.e. 'None of these' as the answer. (+1.2, -0.3)

All the vowels in the alphabets are excluded and rest of the consonants are coded as follows:-

B as 1, C as 2, D as 3, up to 7, and then again start with 1, 2, ... 7, 1, 2 ... so on up to Z.

**Conditions:**

- I. If the words start with vowel and ends with consonants then code for both is to be ☒.
- II. If the words start with consonants and ends with vowel then the code for both of them is \$.
- III. If the word starts and ends with either consonants or vowel (i.e. both should be consonants or both should be vowels) then both are to be coded as \*.
- IV. If a vowel come in between 1<sup>st</sup> and last letter and previous consonant before that vowel comes before M then, the vowel is to be coded as % and the consonant is to be coded as #.
- V. If a vowel come in between 1<sup>st</sup> and last letter and the previous consonants before that vowel comes after M, then the vowel is to be coded as @ and the consonant is to be coded as?.

Which of the following is true?

- A. TRICK = \*?@2\*
- B. DRUM = \*?@\*
- C. SHIRT = \*##%7\*
- D. ORANGE = \*?@45\*

- a. A, B and C
- b. B, C and D
- c. A, B and D
- d. A, C and D
- e. All are true

**166. Direction:** Study the given information carefully and answer the following questions. (+1.2, -0.3)

There are 9 persons – P, Q, R, S, T, U, V, W and X had exams on dates 9, 14 and 23 of each month – March, April and May but not necessarily in the same order. Each person had only one exam on one day and had different scores 16, 19, 21, 8, and 9 but not necessarily in the same order.

The one who had an exam on even number date scored 21. The one who had exam in march had a score of 8. P had exam on 23. T scored two times that of W but not in the same month. Q had exam on even number month. V's exam was not in May. Neither X nor W had exam in March. R had exam on 14 and had a score equal to the square of month number. S had exam on even date and in even month. T had exam on prime date and in prime number month. W had scored 6 marks less than the date of exam. One of the person who had exam on 23 had a prime score. The one who had exam earlier than S had scored 5 marks more than its month number. X had scored same as sum of T's score and X's month number. The one who had exam after W had scored 2 times that of W. U had exam on date such that it is the square of earlier month number.

Which person has exam on 9<sup>th</sup> May?

- a. P
- b. X
- c. W
- d. U
- e. None of these

167. **Direction:** Study the given information carefully and answer the following questions.

(+1.2, -0.3)

There are 9 persons – P, Q, R, S, T, U, V, W and X had exams on dates 9, 14 and 23 of each month – March, April and May but not necessarily in the same order. Each person had only one exam on one day and had different scores 16, 19, 21, 8, and 9 but not necessarily in the same order.

The one who had an exam on even number date scored 21. The one who had exam in march had a score of 8. P had exam on 23. T scored two times that of W but not in the same month. Q had exam on even number month. V's exam was not in May. Neither X nor W had exam in March. R had exam on 14 and had a score equal to the square of month number. S had exam on even date and in even month. T had exam on prime date and in prime number month. W had scored 6 marks less than the date of exam. One of the person who had exam on 23 had a prime score. The one who had exam earlier than S had scored 5 marks more than its month number. X had scored same as sum of T's score and X's month number. The one who had exam after W had scored 2 times that of W. U had exam on date such that it is the square of earlier month number.

What is the score of person S in the exam?

- a. 8
- b. 16
- c. 19
- d. 21
- e. None of these

168. **Direction:** Study the given information carefully and answer the following questions.

(+1.2, -0.3)

There are 9 persons – P, Q, R, S, T, U, V, W and X had exams on dates 9, 14 and 23 of each month – March, April and May but not necessarily in the same order. Each person had only one exam on one day and had different scores 16, 19, 21, 8, and 9 but not necessarily in the same order.

The one who had an exam on even number date scored 21. The one who had exam in march had a score of 8. P had exam on 23. T scored two times that of W but not in the same month. Q had exam on even number month. V's exam was not in May. Neither X nor W had exam in March. R had exam on 14 and had a score equal to the square of month number. S had exam on even date and in even month. T had exam on prime date and in prime number month. W had scored 6 marks less than the date of exam. One of the person who had exam on 23 had a prime score. The one who had exam earlier than S had scored 5 marks more than its month number. X had scored same as sum of T's score and X's month number. The one who had exam after W had scored 2 times that of W. U had exam on date such that it is the square of earlier month number.

Which persons have exam on date 9?

- a. U, Q, X
- b. V, Q, P
- c. V, U, X
- d. X, W, T
- e. None of these

169. **Direction:** Study the given information carefully and answer the following questions.

(+1.2, -0.3)

There are 9 persons – P, Q, R, S, T, U, V, W and X had exams on dates 9, 14 and 23 of each month – March, April and May but not necessarily in the same order. Each person had only one exam on one day and had different scores 16, 19, 21, 8, and 9 but not necessarily in the same order.

The one who had an exam on even number date scored 21. The one who had exam in march had a score of 8. P had exam on 23. T scored two times that of W but not in the same month. Q had exam on even number month. V's exam was not in May. Neither X nor W had exam in March. R had exam on 14 and had a score equal to the square of month number. S had exam on even date and in even month. T had exam on prime date and in prime number month. W had scored 6 marks less than the date of exam. One of the person who had exam on 23 had a prime score. The one who had exam earlier than S had scored 5 marks more than its month number. X had scored same as sum of T's score and X's month number. The one who had exam after W had scored 2 times that of W. U had exam on date such that it is the square of earlier month number.

Which person has the exam on the 14 and have a score of 8?

- a. V
- b. P
- c. X
- d. W

e. None of these

170. **Direction:** Study the given information carefully and answer the following questions.

(+1.2, -0.3)

There are 9 persons – P, Q, R, S, T, U, V, W and X had exams on dates 9, 14 and 23 of each month – March, April and May but not necessarily in the same order. Each person had only one exam on one day and had different scores 16, 19, 21, 8, and 9 but not necessarily in the same order.

The one who had an exam on even number date scored 21. The one who had exam in march had a score of 8. P had exam on 23. T scored two times that of W but not in the same month. Q had exam on even number month. V's exam was not in May. Neither X nor W had exam in March. R had exam on 14 and had a score equal to the square of month number. S had exam on even date and in even month. T had exam on prime date and in prime number month. W had scored 6 marks less than the date of exam. One of the person who had exam on 23 had a prime score. The one who had exam earlier than S had scored 5 marks more than its month number. X had scored same as sum of T's score and X's month number. The one who had exam after W had scored 2 times that of W. U had exam on date such that it is the square of earlier month number.

In which month T and P has exam?

- a. April, April
- b. March, May
- c. May, April
- d. April, March
- e. None of the above

171. **Directions:** Study the following information carefully and answer the given questions.

(+1.2, -0.3)

M @ N means N is the mother of M.

M # N means N is the father of M.

M % N means N is the sister of M.

M \* N means N is the brother of M.

Which of the following expression indicates 'T is uncle of P'?

- a. P # Q @ R \* T
- b. P \* Q # R % T
- c. P \* Q @ R \* T
- d. P # Q % R % T
- e. P @ Q @ R \* T

172. **Directions:** Study the following information carefully and answer the given questions.

(+1.2, -0.3)

M @ N means N is the mother of M.

M # N means N is the father of M.

M % N means N is the sister of M.

M \* N means N is the brother of M.

Which of the following expression indicates 'K is not grandmother of P'?

- a. P @ M # N % K
- b. P # M # N % K
- c. P @ M @ N % K
- d. P @ M % N % K
- e. P # M @ N % K

173. **Directions:** Study the following information carefully and answer the given questions.

(+1.2, -0.3)

M @ N means N is the mother of M.

M # N means N is the father of M.

M % N means N is the sister of M.

M \* N means N is the brother of M.

If F # T @ K % L @ O, then how are O and F related?

- a. O is F's grandmother.
- b. O is F's aunt.
- c. O is F's mother.
- d. O is F's great-grandmother.
- e. O is F's grandaunt.

174. **Direction:** Study the following information carefully and answer the questions given below.

(+1.2, -0.3)

In a certain book shelf there are seven compartments numbered 1, 2, 3, 4, 5, 6 and 7. Each compartment is having books of seven different colors like Black, Blue, Green, Orange, Pink, Yellow and Brown but not necessarily in the same order. The price of each book is also different viz. 100, 120, 140, 160, 180, 200 and 210. The lowermost compartment is numbered as 1 and immediately above 1 is numbered 2 and so on until the topmost is numbered as 7.

Two books are placed between the book whose price is 210 and the Yellow book. Book whose price is 160 is placed in any compartment above Pink but not on the topmost compartment. One book is placed between the books whose price is 160 and 100. The Black book is not priced 160 or 100. The book whose price is 210 is

placed on the 4 numbered compartment. Brown book is not placed in the lowermost compartment. The Brown book is placed in an odd-numbered compartment and below the book whose price is 210. The Green book is placed in an even-numbered compartment but not immediately below the one which is having the Yellow book. The book whose price is 180, is placed below the book whose price is 140 but not immediately below. According to the price value, Blue colored book is not the third highest among them. There are two books placed between the Brown book and the book whose price is 200. Blue book is placed in an even-numbered compartment and neither kept on the six numbered compartment nor priced 210. One book is placed between the Pink colored book and the Blue colored book.

On which Compartment the Orange book is placed?

- a. 7
- b. 5
- c. 3
- d. 6
- e. 4

175. **Direction:** Study the following information carefully and answer the questions given below.

(+1.2, -0.3)

In a certain book shelf there are seven compartments numbered 1, 2, 3, 4, 5, 6 and 7. Each compartment is having books of seven different colors like Black, Blue, Green, Orange, Pink, Yellow and Brown but not necessarily in the same order. The price of each book is also different viz. 100, 120, 140, 160, 180, 200 and 210. The lowermost compartment is numbered as 1 and immediately above 1 is numbered 2 and so on until the topmost is numbered as 7.

Two books are placed between the book whose price is 210 and the Yellow book. Book whose price is 160 is placed in any compartment above Pink but not on the topmost compartment. One book is placed between the books whose price is 160 and 100. The Black book is not priced 160 or 100. The book whose price is 210 is placed on the 4 numbered compartment. Brown book is not placed in the lowermost compartment. The Brown book is placed in an odd-numbered compartment and below the book whose price is 210. The Green book is placed in an even-numbered compartment but not immediately below the one which is having the Yellow book. The book whose price is 180, is placed below the book whose price is 140 but not immediately below. According to the price value, Blue colored book is not the third highest among them. There are two books placed between the Brown book and the book whose price is 200. Blue book is placed in an even-numbered compartment and neither kept on the six numbered compartment nor priced 210. One book is placed between the Pink colored book and the Blue colored book.

In which number compartment the book whose price is 180 is placed?

- a. 1
- b. 2
- c. 3
- d. 4
- e. 5

176. **Direction:** Study the following information carefully and answer the questions given below.

(+1.2, -0.3)

In a certain book shelf there are seven compartments numbered 1, 2, 3, 4, 5, 6 and 7. Each compartment is having books of seven different colors like Black, Blue, Green, Orange, Pink, Yellow and Brown but not necessarily in the same order. The price of each book is also different viz. 100, 120, 140, 160, 180, 200 and 210. The lowermost compartment is numbered as 1 and immediately above 1 is numbered 2 and so on until the topmost is numbered as 7.

Two books are placed between the book whose price is 210 and the Yellow book. Book whose price is 160 is placed in any compartment above Pink but not on the topmost compartment. One book is placed between the books whose price is 160 and 100. The Black book is not priced 160 or 100. The book whose price is 210 is placed on the 4 numbered compartment. Brown book is not placed in the lowermost compartment. The Brown book is placed in an odd-numbered compartment and below the book whose price is 210. The Green book is placed in an even-numbered compartment but not immediately below the one which is having the Yellow book. The book whose price is 180, is placed below the book whose price is 140 but not immediately below. According to the price value, Blue colored book is not the third highest among them. There are two books placed between the Brown book and the book whose price is 200. Blue book is placed in an even-numbered compartment and neither kept on the six numbered compartment nor priced 210. One book is placed between the Pink colored book and the Blue colored book.

How many books are placed between the Green coloured and the Yellow coloured book?

- a. One
- b. Two
- c. Three
- d. Four
- e. Five

177. **Direction:** Study the following information carefully and answer the questions given below.

(+1.2, -0.3)

In a certain book shelf there are seven compartments numbered 1, 2, 3, 4, 5, 6 and 7. Each compartment is having books of seven different colors like Black, Blue, Green, Orange, Pink, Yellow and Brown but not necessarily in the same order. The price of each book is also different viz. 100, 120, 140, 160, 180, 200 and 210. The lowermost compartment is numbered as 1 and immediately above 1 is numbered 2 and so on until the topmost is numbered as 7.

Two books are placed between the book whose price is 210 and the Yellow book. Book whose price is 160 is placed in any compartment above Pink but not on the topmost compartment. One book is placed between the books whose price is 160 and 100. The Black book is not priced 160 or 100. The book whose price is 210 is placed on the 4 numbered compartment. Brown book is not placed in the lowermost compartment. The Brown book is placed in an odd-numbered compartment and below the book whose price is 210. The Green book is placed in an even-numbered compartment but not immediately below the one which is having the Yellow book. The book whose price is 180, is placed below the book whose price is 140 but not immediately below. According to the price value, Blue colored book is not the third highest among them. There are two books placed between the Brown book and the book whose price is 200. Blue book is placed in an even-

numbered compartment and neither kept on the six numbered compartment nor priced 210. One book is placed between the Pink colored book and the Blue colored book.

Which colored book is priced 120?

- a. Blue
- b. Orange
- c. Black
- d. Yellow
- e. Brown

178. **Direction:** Read the information given and answer below question.

(+1.2, -0.3)

10 persons Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit live in a 4 storeyed building with lowest floor numbered as 1, immediately above it as 2, and so on. Each floor has 3 flats and all 12 of them form a grid pattern having flats directly above and /or below and/or beside them. Each flat is numbered 1, 2 and 3 in each floor from left to right. 2 flats in the building are vacant. The two vacant flats are not in the same row (floor) or column. It is further known that:

Flat number 2 on the 2nd floor is vacant. Mahi lives in an even numbered flat. Mahi lives on the 1st floor. Raghav lives to the immediate left of Golu. There is a gap of one floor in between Golu and Saurabh. None of the flats that is in the same row or same column as Saurabh is empty. Golu lives directly below a vacant flat. Manu and Golu live on the same floor. Deepu lives directly above Ram. Mahi lives on a floor with 2 other persons.

Annu lives above Ankit. Mahi and Deepu do not live on the same floor.

Who lives immediately right saurabh?

- a. Ram
- b. Mahi
- c. Ankit
- d. Annu
- e. None of above.

179. **Direction:** Read the information given and answer below question.

(+1.2, -0.3)

10 persons Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit live in a 4 storeyed building with lowest floor numbered as 1, immediately above it as 2, and so on. Each floor has 3 flats and all 12 of them form a grid pattern having flats directly above and /or below and/or beside them. Each flat is numbered 1, 2 and 3 in each floor from left to right. 2 flats in the building are vacant. The two vacant flats are not in the same row (floor) or column. It is further known that:

Flat number 2 on the 2nd floor is vacant. Mahi lives in an even numbered flat. Mahi lives on the 1st floor. Raghav lives to the immediate left of Golu. There is a gap of one floor in between Golu and Saurabh. None of the flats that is in the same row or same column as Saurabh is empty. Golu lives directly below a vacant flat. Manu and Golu live on the same floor. Deepu lives directly above Ram. Mahi lives on a floor with 2 other persons.

Annu lives above Ankit. Mahi and Deepu do not live on the same floor.

How many persons lives at 4<sup>th</sup> floor?

- a. 1
- b. 2
- c. 3
- d. 4
- e. None of above.

180. **Direction:** Read the information given and answer below question.

(+1.2, -0.3)

10 persons Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit live in a 4 storeyed building with lowest floor numbered as 1, immediately above it as 2, and so on. Each floor has 3 flats and all 12 of them form a grid pattern having flats directly above and /or below and/or beside them. Each flat is numbered 1, 2 and 3 in each floor from left to right. 2 flats in the building are vacant. The two vacant flats are not in the same row (floor) or column. It is further known that:

Flat number 2 on the 2nd floor is vacant. Mahi lives in an even numbered flat. Mahi lives on the 1st floor. Raghav lives to the immediate left of Golu. There is a gap of one floor in between Golu and Saurabh. None of the flats that is in the same row or same column as Saurabh is empty. Golu lives directly below a vacant flat. Manu and Golu live on the same floor. Deepu lives directly above Ram. Mahi lives on a floor with 2 other persons.

Annu lives above Ankit. Mahi and Deepu do not live on the same floor.

Who lives immediately below Annu?

- a. Ram
- b. Manu
- c. Saurabh
- d. Mahi
- e. None of above.

181. **Direction:** Read the information given and answer below question.

(+1.2, -0.3)

10 persons Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit live in a 4 storeyed building with lowest floor numbered as 1, immediately above it as 2, and so on. Each floor has 3 flats and all 12 of them

form a grid pattern having flats directly above and /or below and/or beside them. Each flat is numbered 1, 2 and 3 in each floor from left to right. 2 flats in the building are vacant. The two vacant flats are not in the same row (floor) or column. It is further known that:

Flat number 2 on the 2nd floor is vacant. Mahi lives in an even numbered flat. Mahi lives on the 1st floor. Raghav lives to the immediate left of Golu. There is a gap of one floor in between Golu and Saurabh. None of the flats that is in the same row or same column as Saurabh is empty. Golu lives directly below a vacant flat. Manu and Golu live on the same floor. Deepu lives directly above Ram. Mahi lives on a floor with 2 other persons.

Annu lives above Ankit. Mahi and Deepu do not live on the same floor.

Who live immediately left of vacant seats ?

- a. Saurabh and Mahi.
- b. Ankit and Anish.
- c. Ram and Manu
- d. Deepak and Golu
- e. None of above.

**182. Direction:** Read the information given and answer below question.

(+1.2, -0.3)

10 persons Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit live in a 4 storeyed building with lowest floor numbered as 1, immediately above it as 2, and so on. Each floor has 3 flats and all 12 of them form a grid pattern having flats directly above and /or below and/or beside them. Each flat is numbered 1, 2 and 3 in each floor from left to right. 2 flats in the building are vacant. The two vacant flats are not in the same row (floor) or column. It is further known that:

Flat number 2 on the 2nd floor is vacant. Mahi lives in an even numbered flat. Mahi lives on the 1st floor. Raghav lives to the immediate left of Golu. There is a gap of one floor in between Golu and Saurabh. None of the flats that is in the same row or same column as Saurabh is empty. Golu lives directly below a vacant flat. Manu and Golu live on the same floor. Deepu lives directly above Ram. Mahi lives on a floor with 2 other persons.

Annu lives above Ankit. Mahi and Deepu do not live on the same floor.

Who lives between Ankit and Deepu?

- a. Raghav
- b. Vacant seat
- c. Annu
- d. Anish
- e. None of above.

183. **Direction:** In the following question, a given question is followed by information in two statements. You have to decide the data in which statement(s) is sufficient to answer the question and mark your answer accordingly. (+1,2, -0.3)

Six students P, Q, R, S, T and V study in a class. Each of them has test on different dates of November - 1<sup>st</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> and 10<sup>th</sup> but not necessarily in the same order. Whose test is on 6<sup>th</sup> November and who is the shortest?

I. The one, whose test is on 8<sup>th</sup> November is taller than only one person. P is the tallest among all and has test on 10<sup>th</sup> November. Q is taller than those, whose tests are on 7<sup>th</sup> and 1<sup>st</sup> November.

II. The difference in the test dates of Q and T is 2. R's test is on odd date. S is taller than Q and V.

III. T is not the shortest. Q's test is just before S's test. S's test is not on any prime date.

- a. All the statements are required.
- b. Both I and II or I and III are sufficient.
- c. Only II is sufficient.
- d. Only II and III are sufficient.
- e. Insufficient data.

184. The question below consists of a question and two statements numbered I, II and III given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. (+1,2, -0.3)

On which day of the week is Shefali definitely travelling?

I. Anamika correctly remembers that Shefali is travelling after Wednesday but before Sunday.

II. Mehar correctly remembers that Shefali is travelling before Saturday but after Tuesday.

III. Tessy is sure that Shefali does not travel on Fridays.

- a. If the data in statements I alone is sufficient to answer the question while the data in statement II along is not sufficient to answer the question.
- b. If the data in statement II alone is sufficient to answer the question while the data in statement I alone is not sufficient to answer the question.
- c. If the data in statement III alone is sufficient to answer the question while the data in statement I alone is not sufficient to answer the question.
- d. If the data in all the statements I, II and III together is necessary to answer the question.
- e. If the data in all the statements I, II and III together to the answer due question is not sufficient.

185. **Directions:** Below is given a statement followed by three courses of action numbered (A), (B) and (C). A course of action is a step or administrative decision to be taken for improvement, follow-up or further action in regard to the problem, policy etc. On the basis of the information given in the statement, you have to (+1,2, -0.3)

assume everything in the statement to be true, then decide which of the suggested courses of action logically follow(s) for pursuing.

**Statement:** Faced with a serious resource crunch and a depressing overall economic scenario, the state 'X' is unlikely to achieve the targeted percent compound annual growth rate during the 10th plan.

**Courses of Action:**

- A. The target growth should be reduced for the next Plan.
  - B. The reasons for the failures should be studied.
  - C. The state X's performance should be compared with that of other States.
- a. Only A follows
  - b. Only A and C follow
  - c. Only B and C follow
  - d. None follows
  - e. All follow

---

186. **Directions:** In the question below is given a statement followed by two courses of action numbered I and II. On the basis of the information given in the statement to be true, then decide which of the suggested courses of action logically follow(s) for pursuing. (+1.2, -0.3)

**Statement:** Robberies on highway X between cities Y and Z have increased in this past month and are mostly occurring during the night.

**Course of action:**

- I. The police authorities should tighten the security with night patrolling on the highway X.
  - II. People should be warned of robberies and should be advised to not travel during night.
- a. Only I follows
  - b. Only II follows
  - c. Either I or II follows
  - d. Neither I nor II follows
  - e. Both I and II follow

---

187. **Directions :** In the question below is given a statement followed by two courses of action numbered I and II. On the basis of the information given in the statement to be true, then decide which of the suggested courses of action logically follow(s) for pursuing. (+1.2, -0.3)

**Statement:** It is believed that this year around five lakh people will be visiting the city X for the celebration of a festival.

**Course of action :**

- I. Police must be kept on high alert to prevent any act of violence.
  - II. People should be advised to maintain harmony and should not get in brawl with anyone.
- a. Only I follows
  - b. Only II follows
  - c. Either I or II follows
  - d. Neither I nor II follows
  - e. Both I and II follow

---

188. Two statements are followed by two Conclusions 1 and 2. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statements and indicate your answer accordingly. (+1.2, -0.3)

**Statements:**

- I: The ruckus created by some organizations on the movie release date was unprecedented.
- II: The administration seemed to be out of ways to control the given situation proving its inefficiency.

**Conclusions:**

- 1. The administration should have beefed up its efforts in controlling the mob who destroyed the public property.
  - 2. People should not be misguided by fringe organizations that try to destabilize the peace of a state.
- a. Either conclusion 1 or 2 follows
  - b. Only conclusion 1 follows
  - c. Neither conclusion 1 nor conclusion 2 follows
  - d. Only conclusion 2 follows
  - e. Both conclusions 1 and conclusion 2 follow

---

189. One statement is followed by two assumptions 1 and 2. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You have to pick the assumption that can definitely be drawn from the given statements and indicate your answer accordingly. (+1.2, -0.3)

**Statement:** Artisans in Mysuru are keeping their fingers crossed on the full impact of the revision of the Goods and Services Tax (GST) rates on 18 handicraft products announced recently by the GST Council.

**Assumptions:**

I: Artisans were unhappy after the implementation of GST, which forced the government to revise the GST rates.

II: Sales of artifacts decreased after the implementation of GST.

- a. Both assumptions 1 and 2 are implicit
- b. Only assumption 1 is implicit
- c. Neither assumption 1 nor 2 is implicit
- d. Either assumption 1 or 2 is implicit
- e. Only assumption 2 is implicit

190. A statement is given followed by two inferences I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given inferences, if any, follow from the given statement? (+1.2, -0.3)

**Statement:**

U.S. President Donald Trump signed an order on Tuesday to keep open the military detention centre at Guantanamo Bay after his Democratic predecessor, Barack Obama, tried unsuccessfully to close the prison that has drawn international condemnation.

**Inferences:**

1. Guantanamo Bay Detention Centre was never closed during the reign of President Barack Obama.
  2. Guantanamo Bay Detention Centre would increase the capacity to accommodate detainees.
- a. Only inference I is correct
  - b. Only inference II is correct
  - c. Either inference is correct
  - d. Neither of inference is correct
  - e. Both inferences are correct

## Answers

### 1. Answer: b

#### Explanation:

Defending champions Indian Women's Hockey Team lost to hosts South Korea 0-1 in the final match of the Women's Asian Champions Trophy 2018. The win for South Korea saw them lift the title for the third time after having won in the 2010 and 2011 editions of the tournaments. India's Vandana Katariya was declared the player of the tournament.

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### 2. Answer: a

#### Explanation:

Union Cabinet has approved corpus of Rs. 5,000 crore for setting up of a dedicated "Micro Irrigation Fund" with NABARD under Pradhan Mantri Krishi Sinchayee Yojana. The fund seeks to provide states financial assistance on concessional rate of interest to promote micro-irrigation. The lending rate under MIF has been proposed at 3% lower than the cost of raising the fund by NABARD.

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### 3. Answer: c

#### Explanation:

Minister of State for Information & Broadcasting, Rajyavardhan Rathore will inaugurate the ASEAN India Film Festival in New Delhi on May 25, 2018. It will be a platform for people of the film industry of member countries to explore areas of cooperation in domain of cinema & cultural cooperation. The tagline of the Festival is proposed to be 'Friendship through Films'.

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### 4. Answer: d

#### Explanation:

United Nations Development Programme will soon set up a skill development centre at 'Bharosa,' in Hyderabad. 'Bharosa,' an initiative of Hyderabad City Police, is a state-of-the-art centre to support women and children who are victims of violence. The centre will empower vulnerable & marginalised women by imparting skills training.

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### 5. Answer: c

#### Explanation:

- Ajay Thakur is a star player and raider of Indian International Kabaddi Team.
- On 30 June 2018, under his captaincy India has won 2018 Dubai Kabaddi Masters.
- In the 6<sup>th</sup> season of Pro Kabaddi league 2018 he will serve as the captain of 'Tamil Thalaivas'.

---

6. Answer: e

**Explanation:**

- The headquarters of International Organization for Migration (IOM) is in Geneva, Switzerland.
- IOM is an inter-governmental organisation that works in the field of migration including migrant workers, refugees and forced migration.
- Initially it was set up in 1951 as the Inter-governmental Committee for European Migration (ICEM) to resettle people displaced by World War II.
- In 2016, IOM became a related organisation of the United Nations (UN).

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7. Answer: d

**Explanation:**

- The headquarters of AIIB is in Beijing, China.
- The Asian Infrastructure Investment Bank (AIIB) provides finance for infrastructure development in Asia-Pacific region.
- The bank was proposed in China in 2013, and is seen as Asia's response to World Bank (WB) and International Monetary Fund (IMF).

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8. Answer: d

**Explanation:**

- Digital gold is an initiative of Paytm to store, sell and buy gold online.
- In 'Digital Gold' initiative user can buy 24 Karat gold from MMTC-PAMP (India's only Internationally Accredited Refinery) on Paytm and store it at no additional charge.
- Paytm allows user to buy and sell gold for as little as Rs.1.

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9. Answer: d

**Explanation:**

- COMCASA is a bilateral pact between India and USA for the transfer of communication security equipment to India.
- These communication equipments will be installed on military platforms to secure data links.
- It was earlier called as Communication and Information on Security Memorandum of Agreement (CISMOA) and later was renamed to COMCASA, to reflect its India-specific nature.

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10. Answer: b

**Explanation:**

- The secretariat office of SAARC Development Fund (SDF) is in Thimphu, Bhutan.

- The SDF Secretariat was established in April 2010 during the sixteenth SAARC summit in Bhutan.
- SDF works as an umbrella financial institute for all SAARC developmental projects and programmes.
- It funds the projects in the South Asia region by its three windows namely Social, Economic and Infrastructure Window.
- Note: SAARC HQ is in Kathmandu, Nepal
- SAARC member states comprise Afghanistan, Bangladesh, Bhutan, India, the Maldives, Nepal, Pakistan and Sri Lanka.

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**11. Answer: a**

**Explanation:**

- Indian Prime Minister Narendra Modi and Russian President Vladimir Putin held their first informal summit in the city of Sochi, Russia.
- The leaders decided to intensify consultation and coordination with each other.
- The two leaders agreed to institute a Strategic Economic Dialogue between NITI Aayog of India and the Ministry of Economic Development of the Russian Federation.

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**12. Answer: c**

**Explanation:**

- National Payments Corporation of India (NPCI) is an umbrella organisation for all retail payments in India
- It governs various payments methods like National Financial Switch (NFS), Immediate Payment System (IMPS), Aadhaar Enabled Payment System (AEPS), Unified Payments Interface (UPI), BHIM etc.

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**13. Answer: b**

**Explanation:**

- The theme of World Environment Day 2018 was 'Beat plastic pollution'
- World Environment Day is celebrated on 5<sup>th</sup> June every year to spread awareness for the protection of our environment.
- India globally hosted World Environment Day 2018.

---

**14. Answer: c**

**Explanation:**

- Sanskrit was the least spoken language of 8<sup>th</sup> schedule of Indian Constitution, according to census 2011.
- Only 24,821 persons listed Sanskrit as their mother tongue.
- Hindi was listed as the most spoken language in India with 44% people followed by Bengali.

---

**15. Answer: e**

**Explanation:**

- The United States, Canada, and Mexico will organise 23<sup>rd</sup> FIFA World Cup in 2026.
  - FIFA World Cup is an international football competition contested after every 4 years.
  - Uruguay hosted and won 1<sup>st</sup> FIFA World Cup organised in 1930.
  - Qatar will organise the 22<sup>nd</sup> FIFA World Cup in 2022 from 21 November to 18 December.
  - Brazil is the most successful team in FIFA World Cup with 5 titles.
- 

**16. Answer: c**

**Explanation:**

- Bhumi Pednekar won best actress award at the DadasahebPhalke Film Foundation Awards 2018 for her movie "Toilet: Ek Prem Katha".
  - Akshay Kumar won the best actor award for his performance in Padman.
- 

**17. Answer: b**

**Explanation:**

- Pilibhit Tiger Reserve is located in 3 districts namely Pilibhit, Lakhimpur Kheri and Bahraich districts of Uttar Pradesh.
  - Uttar Pradesh has 3 tiger reserves, the other two are Dudhwa Tiger Reserve and Amangarh Tiger Reserve.
- 

**18. Answer: c**

**Explanation:**

- The two day 'Kabir Mahotsav' was organized by the Ministry of Culture.
  - The festival was organised to commemorate the 500<sup>th</sup> year of death anniversary of Saint Kabir.
  - Kabir was a 15<sup>th</sup> century mystic poet and saint. His verses were incorporated into Adi Granth (a religious scripture of Sikhism).
- 

**19. Answer: d**

**Explanation:**

- Small Industries Development Bank of India (SIDBI) has charted a plan to promote micro-enterprises in 115 aspirational districts of India.
  - According to Government of India, micro-enterprises are the business on a very small scale with a total investment between 25 lakh to 10 crores in the manufacturing sector and 10 lakhs to 5 crores in the service sector.
  - SIDBI decided these 115 aspirational districts and made District Magistrates as 'prabhari' officers to implement the program.
-

20. Answer: a

Explanation:

- National Company Law Tribunal (NCLT) has approved the merger of Telenor India with Bharti Airtel.
- Telenor, a Norwegian telecommunication company runs operations in seven telecom circles in India.
- National Company Law Tribunal (NCLT) is a quasi-judicial body that makes decision in issues relating to Indian companies.

21. Answer: c

Explanation:

- Shujaat Bukhari was a journalist and the editor of Srinagar based newspaper 'Rising Kashmir'.
- He was shot dead on 14, June 2018 outside his office in Srinagar.

22. Answer: e

Explanation:

- Bharat Inclusion Initiative is launched by Centre for Innovation, Incubation, and Entrepreneurship (CIIE) of IIM Ahmedabad.
- The initiative will support incubating startups that work in the field of livelihood, education and health partnering with industry experts, mentors, and corporates.

23. Answer: a

Explanation:

- 25<sup>th</sup> International Conference on Telecommunications (ICT) was hosted in Saint-Malo, France in June 2018.
- The theme of ICT 2018 was 'Terahertz (THz) technology'.
- The topic of interest includes 5G mobile communications, Software radio, Big data network etc.

24. Answer: d

Explanation:

- Salvage value is the title given to an asset for its diminished value.
- It is defined as the estimated resale value of an asset at the end of its useful life.
- Suppose 'A' buy a car for 5 lakh rupees, after using it for 10 years the car met with an accident and damage is beyond repair. Now A sells it to the junkyard for 10,000. The value of its metal, body and left parts that A gained is termed as salvage value or residual value.

25. Answer: e

**Explanation:**

- Hirakud Dam is built across Mahanadi river in Odisha.
- It is one of the biggest dams in India.
- The 5 biggest dams in India are as follows-

Dam	State	River
Tehri Dam	Uttarakhand	Bhagirathi
Bhakra Nangal Dam	Himachal Pradesh	Sutlej
Sardar Sarovar Dam	Gujarat	Narmada
Hirakud Dam	Orissa	Mahanadi
NagarjunaSagar Dam	Andhra Pradesh/Telangana	Krishna

26. Answer: d

**Explanation:**

- The headquarters of ADB is in Manila, Philippines.
- ADB was established on 19 December 1966 on the recommendations of the Economic Commission for Asia-Pacific Region (ECAFE) to promote social and economic development in Asia.
- It provides loans, technical assistance, grants and investments to all projects in the Asia-Pacific region.
- Currently, ADB has 68 members of which 49 are from within the Asia-Pacific region and 19 from outside.

27. Answer: c

**Explanation:**

- Dudhwa National Park is located in Lakhimpur Kheri district of Uttar Pradesh.

★ Key Points

- Dudhwa Tiger Reserve was established in the year 1987.
- It is spread over the areas of Lakhimpur and Bahraich district.
- Total area: 1093.79 km sq.

- It shares its north-eastern boundary with Nepal .
- It is home to 400 bird species, cheetah, elephants, tigers, leopards, swamp deer, etc .

★ **Additional Information**

- Uttar Pradesh has 3 Tiger Reserves in the state.
  - Dhudhwa Tiger Reserve
  - Pilibhit Tiger Reserve
  - Amangarh Tiger Reserve
- Pilibhit Tiger Reserve:-
  - Established in the year 2008 .
  - Spread over Pilibhit, Lakhimpur, and Bahraich district in Uttar Pradesh .
  - Total area : 602.79 km sq.
- Amangarh Tiger Reserve:-
  - Established in the year 2012 .
  - Located in Amangarh in the Bijnor district .
  - Total area: 80.06 sq km.

---

**28. Answer: c**

**Explanation:**

- Uttarakhand Sanskrit University, Haridwar, Uttarakhand will host the 5<sup>th</sup> International Conference on Human Excellence through Yoga in February 2019.
- The conference will be organised by Indian Association of Yoga, New Delhi.
- The conference will provide an international platform to Yoga aspirants, Yoga experts to come together and share their experience and the ideas for the betterment of the society.
- The 2-day conference has various sub-themes like Spiritual excellence and Yoga, Human Values and Yoga, Corporate excellence and Yoga etc.

---

**29. Answer: b**

**Explanation:**

- LSR stands for Liquidity Stress Ratio (LSR).
- LSR is the ratio of potential money outflow to the actual money inflow during a certain period.
- LSR calculates the liquidity shortfall, a mismatch in the bank's balance sheets of a Bank Holding Company (BHC) during the financial crisis.
- LSR is used to describe the liquidity condition of the banking sector and may offer an early warning signal of a liquidity or financial crisis.

---

**30. Answer: a**

**Explanation:**

- Lusaka is the capital city of Zambia (a landlocked country in South-Central Africa).

- In April 2018, 14<sup>th</sup> President of India Ram Nath Kovind visited Lusaka and met Zambia's President Edgar Lungu.
- During the visit, India's President launched \$289 million projects to decongest Lusaka roads.

---

**31. Answer: b**

**Explanation:**

- In fiscal 2018-19, NABARD has increased its lending to ₹80,000 crore against ₹65,000 crore in fiscal 2017-2018.
- National Bank for Agriculture and Rural Development (NABARD) is an agricultural development financial institute in India, that provides funds for promotion and development of agricultural, cottage and village industries, handicrafts, small-scale industries in India.

NABARD was set up in 1982, with its headquarters at Mumbai, Maharashtra.

---

**32. Answer: d**

**Explanation:**

- West Indies will host the 6<sup>th</sup> edition of ICC Women's World Twenty20 in November 2018.
- The tournament will include 10 participating teams divided into two groups.
- The 5<sup>th</sup> edition of ICC Women's World Twenty20 was hosted by India in 2016.
- West Indies won 5<sup>th</sup> edition by defeating Australia in the finals.

---

**33. Answer: e**

**Explanation:**

- A 27 member committee—constituted by SEBI to suggest a roadmap for developing the corporate bond market in the country is headed by Harun R Khan (Deputy Governor, RBI).
- The committee has representation from government, banks, mutual funds, stock exchange, market regulators.
- Corporate bonds are debt securities issued by the corporation to raise money in the corporation for various expansion purposes of the company.

---

**34. Answer: c**

**Explanation:**

- Rani Rampal is the captain of Indian women hockey team.
- Recently she lead the Indian women hockey team in 2018 Women's Hockey World Cup, where Indian team managed to reach the quarterfinals of the tournament.

---

**35. Answer: d**

**Explanation:**

- CAGR stands for Compound Annual Growth Rate.
- It is defined as the mean annual growth rate of an investment over a specified period of time longer than one year.
- $CAGR = \left( \frac{\text{Ending Value}}{\text{Beginning Value}} \right)^{\frac{1}{\text{Number of years}}} - 1$
- Suppose you invested Rs.10,000 in a business. After completion of 3 years value becomes Rs.19,000.

Initial value = Rs.10,000

Final value = Rs.19,000

Time = 3 years

CAGR= .23 or 23%

---

36. Answer: d

Explanation:

- Asset Reconstruction Companies (ARCs) deal to tackle the problem of Non-Performing Assets (NPAs).
- ARCs are the companies that purchase bad assets or NPAs from the bank at a negotiable price.
- These ARCs then start a legal procedure to sell the asset or they may also provide a settlement offer to the borrower.
- ARCs help a bank to tackle the problem of NPA by clearing their balance sheets.

---

37. Answer: c

Explanation:

- The headquarters of the Organisation for Economic Cooperation and Development(OECD) is in Paris, France.
- OECD is an intergovernmental organisation established in 1961 to develop and improve economic and social policies around the world.
- At present, it has 36 member countries from all over the world.

---

38. Answer: b

Explanation:

- A debenture is a type of debt instrument that is not secured by physical assets.
- Collateral is defined as a property or asset that a borrower offers to the lender as security for repayment of a loan.
- Bond is a signed promise to pay a certain sum of money on a certain date or fulfillment of a specific condition. Bonds may or may not be secured by collateral.
- Indenture is a legal document published by the issuer of a security giving details about the terms and conditions about the agreement.

---

39. Answer: c

**Explanation:**

- A forward contract is a customized contract between two parties to buy or sell assets on a specified price on a future date.
  - Suppose a farmer has 10 hectares of land planted with wheat, he is concerned about the decline in production of wheat. He, therefore, enters into a contract with a financial institution to sell the total productivity of 10 hectares of land at ₹1,00,000 after 6 months. This agreement is termed as a Forward contract.
- 

**40. Answer: e****Explanation:**

- Indira Sagar is built across Narmada river in Khandwa district of Madhya Pradesh.
  - In terms of water storage, it has the largest reservoir in India.
  - The dam also has a power station with an installed capacity of 1,000 MW.
- 

**41. Answer: b****Explanation:**

- Securitization is defined as the process where an issuer designs a financial instrument and list them as securities to earn money.
  - These securities include shares, debentures, bonds etc.
  - Securities are issued by companies to raise capitals for their projects and in return, company pays an interest or a share in the company.
- 

**42. Answer: d****Explanation:**

- Malabo is the capital city of Equatorial Guinea.
  - Equatorial Guinea is a country on the west coast of Africa sharing boundaries with Gabon and Cameroon.
- 

**43. Answer: a****Explanation:**

- A company that exists only on paper and has no office and no employees, it may have a bank account, these type of companies are known as shell companies.
  - They neither manufacture anything nor render any service.
  - They are generally used to make financial transactions and could be used in money laundering, tax evasion, and other illegal activities.
-

44. Answer: c

Explanation:

- Reverse Mortgage system is defined as the loan for a senior citizen, who has a self-acquired or self-occupied home.
- It is designed for retired people who are not able to support themselves but have assets in the form of house properties.
- In a Reverse Mortgage, a senior citizen mortgages his property to a lender (bank), which then makes periodic payments to the borrower so that borrower can meet his monthly expenses.

45. Answer: c

Explanation:

- 'PMLA' stands for Prevention of Money Laundering Act.
- It is an act of parliament to prevent money laundering came into effect on July 1, 2005.
- Money laundering is the process of obtaining money from criminal activity like drugs dealing, terror activity etc.
- If found guilty in the Money Laundering Act, PMLA defines rigorous punishment from five to ten years.

46. Answer: e

Explanation:

- Reserve Bank of India (RBI) has approved the merger of Bharat Financial Inclusion with IndusInd Bank.
- Bharat Financial Inclusion is a non-banking-finance company that provides financial services to the poor borrowers.
- BFI focus on microfinance and provides small loans starting from ₹2,000 to ₹12,000.

47. Answer: d

Explanation:

- Union Finance Minister serves as the chairperson of Financial Stability and Development Council (FSDC).
- The council deals with issues relating to financial stability, financial sector development.
- It was formed on the recommendation of Raghuram Rajan Committee in 2010.

48. Answer: b

Explanation:

The correct answer is Bankruptcy.

★ Important Points

- When a **company** or a **person** is unable to **repay their outstanding debts**, it is known as **bankruptcy**.
- Bankruptcy is imposed by **court order** and often initiated by **borrowers**.
- **Insolvency and Bankruptcy Code, 2016** is the law of India that implement and governs single law for insolvency and bankruptcy.

★ **Key Points**

- A **bankruptcy filing** is a **legal course** undertaken by the company to free itself from **debt obligations**. Debts that are not paid to **creditors** in full are forgiven for the owners. Bankruptcy filing varies in different countries.
- In India, if you file for bankruptcy **it will not go down well with your credit rating**, which means that it may be tough for you to get a new loan if you plan to start afresh. However, it would save you from any financial trouble.

---

49. **Answer: b**

**Explanation:**

- Dilip C Chakraborty is the head of committee formed by Insurance Regulatory and Development Authority of India (IRDAI) to help the new Risk Based Capital (RBC) norms.
- Risk Based Capital (RBC) is a method to measure the minimum amount of capital that an insurance company needs to support its overall business operations.
- It is the additional money that the insurance companies must keep aside to meet the contingency if it arises. This money cannot be used for any other purpose.

---

50. **Answer: a**

**Explanation:**

- Gold Rush has been launched by Stock Holding Corporation of India Ltd.
- It is a simple way to own physical gold and store with most secured storage facility at Gold & Silver Refinery at, Mewat, Haryana.
- GoldRush offers customer to purchase gold starting from Rs.1,000.
- Buyer can withdraw and take physical possession of all or part of his gold holding at any time.
- Gold can be bought or withdrawn online 24 hours a day.
- Stock Holding is a Public Limited Company and a subsidiary of Industrial Finance Corporation of India Ltd (IFCI).

---

51. **Answer: c**

**Explanation:**

It is mentioned in the passage that the author is strictly against American laws which are inclined more towards increased work and greater returns. ' *There's a balance to be struck where it comes to work and rest, but in the United States, values and laws are already slanted drastically in favor of work.*' Thus only III is correct. I and II mention statements which are not correct and are not mentioned in the passage. Thus option 3 is the correct answer.

---

52. **Answer: d**

**Explanation:**

It is mentioned in the passage ' *If you're not the type who can and wants this kind of schedule, that's something to consider before accepting a job. So before accepting an offer, research the position and make sure you fully understand the hours that are expected in the role, where and how you can get their work done, and the overall nature of the job.*' Thus option 4 is the correct answer. The author advises the readers to accept a job carefully only after understanding the responsibilities included in it. This avoids stress later and helps to have a proper work-life balance. Thus option 4 is the correct answer.

---

**53. Answer: a****Explanation:**

The context here is the overuse of technology by humans which has deteriorated the standard of lives. It has enslaved people and the author is sarcastically criticizing the use of technology. Thus only II is correct. The other options are incorrect here. Option I is the correct answer.

---

**54. Answer: b****Explanation:**

Statement I and II are mentioned in the passage.

' *Here in the United States, people already work more hours per year than their English-speaking counterparts in Britain, Canada and Australia - not to mention those enviable denizens of European social democracies, who enjoy the kind of leisure time only their highest-paid workers can afford.*'

' *I would advise those concerned about Americans' dignity, freedom and independence to not focus on compelling work for benefits or otherwise trying to marshal people into jobs when what they really need are health care, housing assistance, unemployment benefits and so forth. Instead, we should focus more of our political energies on making sure that American workers have the dignity of rest, the freedom to enjoy their lives outside of labor and independence from the whims of their employers.*' This clearly hints that work lives are so hectic in America that they lack independence and proper mental peace.

Thus option 2 is the correct answer.

---

**55. Answer: c****Explanation:**

It is mentioned in the passage ' *From how-to books to meditation apps and even company-sponsored initiatives like unlimited vacation, employers and employees alike have been trying to strike a balance between their personal and professional lives. And it seems to be working. Or is it?*' It clearly hints that these initiatives and apps have been of no use. Thus option 3 is the correct answer.

---

56. Answer: c

**Explanation:**

The passage focuses on the difficulties of business in the fashion industry and how huge risks need to be taken in order to be successful here. It states how hard it is for startups to compete in this field. Thus option 3 is the correct answer.

---

57. Answer: b

**Explanation:**

The passage states the fact that huge capital is needed to invest in the business of the fashion industry. From the very beginning to establishing one's own company money is needed in the industry. Thus statement I is correct.

Statement II is incorrect as marketing is important for making a brand successful and it is mentioned in the passage.

Statement III is incorrect as it is mentioned in the passage that small businesses need to invest more than the big ones.

Thus option 2 is the correct answer.

---

58. Answer: d

**Explanation:**

The passage has a critical tone which states the disadvantages of investment in the fashion industry. It mostly talks about the cons and the associated financial and social risks. Thus option 4 is the correct answer.

---

59. Answer: c

**Explanation:**

It is mentioned in the passage ' *The fashion industry demands long hours to network, market, design and exhibit your work. In the initial stages, you have to work longer hours as you often take on multiple responsibilities. The long hours you spend may also limit your creative input especially if you design. You also have to sacrifice time away from your family, friends and social life.* ' Thus statements II and III are correct.

---

60. Answer: c

**Explanation:**

The sentence states how difficult it is for small businesses to get coverage in the media. It can be understood from the statement that proper marketing is essential and media plays a major role here. Thus II and III are correct. Statement I is not correct.

Thus option 3 is the correct answer.

---

---

61. Answer: d

**Explanation:**

B has to be the first sentence as it introduces us to the topic which is men's fashion being uncomfortable. A should come after C as the word 'even' is written which hints that a similar fact is mentioned before. Thus BCA is the correct order. Option 4 is the correct answer.

---

62. Answer: a

**Explanation:**

The meanings of the words are:

Abnegated => renounced or rejected

Decapitated => to cut off the head of a person or animal

Thus only B fits here. The word 'punished' is not applicable in case of the deer.

Option 1 is the correct answer.

---

63. Answer: b

**Explanation:**

The sentence talks about negative things affecting different people thus the word here should be alike which expresses a negative meaning. The meanings of the words are:

Gormandize => to eat lots of food greedily

Menace => a danger;threat

Estoppel => a legal rule of evidence that prevents a party from making statements that contradict what one previously stated

Thus only B fits here making option 2 the correct answer.

---

64. Answer: c

**Explanation:**

The meanings of the words are:

Vicarious => experienced in the imagination through the feelings or actions of another person

Voracious => insatiable

---

Penury => poverty

Thus only A fits here in the context as the sentence mentions various people experiencing emotions through something or someone else. Option 3 is the correct answer.

---

65. Answer: d

**Explanation:**

The meanings of the words are:

Recline => rest

Abutment => a structure built to support the lateral pressure of an arch or span, e.g. at the ends of a bridge.

Jaundice => prejudice

The sentence talks about construction and bridges thus only B fits here. Option 4 is thus the correct answer.

---

66. Answer: a

**Explanation:**

The idiom 'a chip on one's shoulder' means 'Being upset for something that happened in the past.' Thus I is correct here. Option 1 is the correct answer.

---

67. Answer: d

**Explanation:**

The idiom 'cat got your tongue' issued to compel someone to speak or to point out their silence when they're being unusually taciturn. Thus II is the correct statement. Option 4 is the correct answer.

---

68. Answer: a

**Explanation:**

The correct answer is **Option 1** i.e. 'Only I'

★ Key Points

- Under the weather means **to be ill or feel ill**
- For e.g.- I did not go to work today, as I was feeling a bit **under the weather** .
- Hence, according to the meaning of the given Idioms, only the statement 1 conveys the correct meaning
- Thus, the correct option is 1 and therefore the answer- I know you are under the weather so I suggest you go to the doctor immediately.

69. Answer: d

**Explanation:**

The idiom 'get pear-shaped' is used to describe something that has gone wrong. Thus II & III is the correct statement. Option 4 is the correct answer.

---

70. Answer: c

**Explanation:**

The idiom 'go cold turkey' is used for describing the actions of a person who abruptly gives up a habit or an addiction. Thus statement III is correct.

Option 3- Both I and III is the correct answer.

---

71. Answer: c

**Explanation:**

The word 'indubitable' means 'undoubted or unquestionable.' Thus option 3 is the correct answer. The meanings of some words are:

Savory => appetizing

Impugn => question; challenge

Relevant => closely connected or appropriate to what is being done or considered

---

72. Answer: b

**Explanation:**

The correct answer is Incite.

★ Key Points

- 'Foment' means 'instigate or incite', therefore, **Incite** is the correct synonym.
- Let's look at the meaning and examples of the given words.

Words	Meaning	Example
Foment	instigate or incite.	Don't try to <b>foment</b> the public.
Selfish	Concerned chiefly or only with yourself	Sameer was a <b>selfish</b> person
Rancid	sour	<b>rancid</b> butter
Pertinent	relating directly to the subject being considered	a list of articles <b>pertinent</b> to the discussion

- Therefore, by reading the above explanation we find that the correct answer is **Option 2**.

★ हिन्दी

- आइए दिए गए शब्दों के अर्थ और उदाहरण देखें।

Words	Meaning
Foment	उकसाना या उकसाना।
Selfish	मुख्य रूप से या केवल अपने आप से चिंतित
Rancid	खट्टा
Pertinent	संबंधित विषय पर सीधे विचार किया जा रहा है

73. Answer: d

Explanation:

The correct answer is Insult.

★ Key Points

- 'Umbrage' means 'insult or offence', therefore, **Insult** is the correct synonym.
- Let's look at the meaning and examples of the given words.

Words	Meaning	Example
Umbrage	insult or offence.	He took <b>umbrage</b> at my question.
Brawl	a rough or noisy fight or quarrel.	The drunken men started to <b>brawl</b> .
Foil	destroy	The photographic film was wrapped in <b>foil</b> .
Oppress	torture	The government <b>oppresses</b> political activists

- Therefore, by reading the above explanation we find that the correct answer is **Option 4**.

★ हिन्दी

- आइए दिए गए शब्दों के अर्थ और उदाहरण देखें।

Words	Meaning
Umbrage	अपमान या अपराध।
Brawl	खुरदरी या शोरगुल की लड़ाई या झगड़ा।
Foil	नष्ट
Oppress	तकलीफ देना

74. Answer: d

**Explanation:**

The word 'fracas' means ' a noisy disturbance or quarrel.' Thus 'tranquility' which means 'peace' is the correct answer.

Schism => a split

Abstruse => difficult to understand

Ligneous => woody

Thus option 4 is the correct answer.

75. **Answer: d**

**Explanation:**

The word 'fiendish' means 'an evil person.' Thus 'altruist' which means 'someone who is unselfishly concerned for or devoted to the welfare of others' is the correct answer.

Amenable => submissive

Instinct => an innate, typically fixed pattern of behaviour in animals in response to certain stimuli.

Renegade => deserter

Benefactor => a person who gives money or other help to a person or cause.

Thus option 4 is the correct answer.

---

76. **Answer: c**

**Explanation:**

The sentence mentions using models for products thus selling is correct here and needs no change.

The word 'billing' means 'the process of preparing or sending invoices' thus 'branding' which means 'assign a brand name to' makes a better meaning here.

The word 'boorish' means 'ill-tempered' and makes no sense here. The word 'barely' means 'hardly' and conveys the correct meaning here that the models are hardly developed.

Option 3 is thus the correct answer.

---

77. **Answer: b**

**Explanation:**

The word 'hope' is correct here and needs no change.

The word 'encounter' means 'meet (someone) unexpectedly' and fits here correctly.

The word 'doleful' means 'sorrowful' and is incorrect here as the sentence mentions something positive. The person was benefited by the encounter thus 'fortuitous' which means 'happening by chance rather than intention' is the correct word here.

Option 2 is the correct answer.

---

78. **Answer: a**

**Explanation:**

The word 'majority' means 'most' and fits here correctly.

The sentence talks about clothing thus 'acoustic' which means 'relating to sound or the sense of hearing' is incorrect here and 'apparel' which means 'clothes' fits here correctly.

The word 'while' makes it understood that the fact mentioned later should be opposite in meaning thus 'developing' is correct here. Since US is developed the word 'developing' is opposite and fits here. Thus option 1 is the correct answer.

---

**79. Answer: e**

**Explanation:**

The meanings of the used words are:

Emphasis => special importance, value, or prominence given to something.

Trends => fashion

Materialistic => excessively concerned with material possessions; money-oriented.

The words fit in the context used thus no replacement is needed. Option 5 is thus the correct answer.

---

**80. Answer: c**

**Explanation:**

The passage criticizes the consumers and the evils of the fashion industry. Thus option 3 is the correct adjective.

Didactic => instructive

Sarcastic => marked by or given to using irony in order to mock or convey contempt.

---

**81. Answer: b**

**Explanation:**

*Here we have to consider the correct word in association with "-off." All these words given in the options mean different when used with 'off.' Like "Put off" means an evasive reply. Pushed-off is not a phrasal verb, but it can be used like "pushed off the table." Paid off means "when something yields favorable result." Clean off means "to take something off something." But the correct phrasal verb here is "pulled off." It means to be able to successfully do something, which appeared difficult.*

---

**82. Answer: d**

**Explanation:**

*The correct words here is 'victory' which means 'win' which is true because it is used in context of a party who has won an election.*

veracity: conformity to facts; accuracy.

valor: courage

viceroy: ruler exercising authority in a colony on behalf of a sovereign.

war: Battle

---

**83. Answer: d**

**Explanation:**

*The sentence that follows up to the blank says "King would sign his letter of appointment as Prime Minister." So the correct word must be 'monarchy' which means "a form of government with a monarch or king at the head"*

obligations: duty

right: correct

ministerial: relating to a government minister or ministers.

volunteer: a person who freely offers to take part in an enterprise or undertake a task.

---

**84. Answer: e**

**Explanation:**

*Here the correct word is 'alliance.' It fits well when we are considering a passage written on elections, because "alliance" means "a union or association formed for mutual benefit, especially a political one."*

reminiscence: a story told about a past event remembered by the narrator

conveyance: the action or process of transporting or carrying someone or something from one place to another.

defiance: open resistance; bold disobedience

reliance: dependence on or trust in someone or something.

---

**85. Answer: a**

**Explanation:**

*Here the correct word is 'coalition.' The government that comes into being because of an alliance is called a 'coalition government.' Coalition means a temporary alliance for combined action, especially of political parties forming a government.*

Alliance means a union or association formed for mutual benefit . In fact all teh other words like association, faction or accumulation means things coming together to form a group.

---

86. Answer: e

**Explanation:**

*The correct word here is "Plunged." It means "fall suddenly and uncontrollably." Since we talking about the support base of someone who lost the elections. the use of this words makes sense.*

On the other hand "warranted, assured, vowed and pledged" mean 'tell someone something positively to dispel any doubts."

---

87. Answer: d

**Explanation:**

*Whenever a point of time in the past is taken, we must use 'since.' So since is the correct word here.*

---

88. Answer: e

**Explanation:**

*The correct word here is "sprightly." It means "lively; full of energy." Since the word "jubilant" which means "feeling or expressing great happiness and triumph" has also been used in the same sentence, we can understand that the next word too is a positive one.*

incessant: continuing without pause or interruption.

rejoice: feel or show great joy or delight.

frightful: very unpleasant, serious, or shocking.

slightly: a small degree; not considerably.

---

89. Answer: a

**Explanation:**

*The correct word here is "ruffle." It means "disturb the smoothness of." Since the elections results were not what financial markets expected, the result must have disturbed the market just like any other major event that occurs in the country. So option is correct.*

muffle: wrap or cover for warmth.

scuffle: a short, confused fight or struggle at close quarters.

trivial: of little value or importance

grapple: engage in a close fight or struggle without weapons; wrestle.

---

90. Answer: e

Explanation:

*The correct word here is "weakened." It means "become weak." From the statement "with the ringgit one-month non-deliverable forward falling 1.7 pct" it is clear that weakened is the correct word.*

strengthen: make strong

weekend: Saturday and Sunday

heightened: make more intense

likened: point out the resemblance

91. Answer: d

Explanation:

Let their investments for first 7 months be  $x$ ,  $3x$  and  $2x$  respectively.

And their investments for last 5 months be  $3y$ ,  $7y$  and  $3y$  respectively.

The average investment of Aman and Rakesh is Rs. 3500

$$(x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 3500$$

$$28x + 50y = 7000 \quad \text{-----(i)}$$

The average investment of Vinay and Rakesh is Rs. 4200.

$$(2x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 4200$$

$$35x + 50y = 8400 \quad \text{-----(ii)}$$

Solve equation (i) and (ii)

$$x = 200 \text{ and } y = 28$$

$$\text{Total investment of Vinay} = 2 \times 200 \times 7 + 28 \times 3 \times 5 = \text{Rs. } 3220.$$

92. Answer: b

Explanation:

Let their investments for first 7 months be  $x$ ,  $3x$  and  $2x$  respectively.

And their investments for last 5 months be  $3y$ ,  $7y$  and  $3y$  respectively.

The average investment of Aman and Rakesh is Rs. 3500

$$(x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 3500$$

$$28x + 50y = 7000 \quad \text{-----(i)}$$

The average investment of Vinay and Rakesh is Rs. 4200.

$$(2x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 4200$$

$$35x + 50y = 8400 \quad \text{-----(ii)}$$

Solve equation (i) and (ii)

$$x = 200 \text{ and } y = 28$$

$$\text{Total investment of Aman} = 1 \times 200 \times 7 + 28 \times 3 \times 5 = \text{Rs. } 1820$$

$$\text{Total investment of Rakesh} = 3 \times 200 \times 7 + 28 \times 7 \times 5 = \text{Rs. } 5180$$

$$\text{Total investment of Vinay} = 2 \times 200 \times 7 + 28 \times 3 \times 5 = \text{Rs. } 3220.$$

$$\text{Investment ratio} = 1820 : 5180 : 3220 = 91 : 259 : 161$$

$$\text{Aman share in the profit is} = 11242 \times (91/511) = \text{Rs. } 2002$$

---

**93. Answer: b**

**Explanation:**

Let their investments for first 7 months be  $x$ ,  $3x$  and  $2x$  respectively.

And their investments for last 5 months be  $3y$ ,  $7y$  and  $3y$  respectively.

The average investment of Aman and Rakesh is Rs. 3500

$$(x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 3500$$

$$28x + 50y = 7000 \quad \text{-----(i)}$$

The average investment of Vinay and Rakesh is Rs. 4200.

$$(2x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 4200$$

$$35x + 50y = 8400 \quad \text{-----(ii)}$$

Solve equation (i) and (ii)

$$x = 200 \text{ and } y = 28$$

$$\text{Total investment of Aman} = 1 \times 200 \times 7 + 28 \times 3 \times 5 = \text{Rs. } 1820$$

$$\text{Total investment of Rakesh} = 3 \times 200 \times 7 + 28 \times 7 \times 5 = \text{Rs. } 5180$$

$$\text{Total investment of Vinay} = 2 \times 200 \times 7 + 28 \times 3 \times 5 = \text{Rs. } 3220.$$

$$\text{Investment ratio} = 1820 : 3220 : 5180 = 91 : 161 : 259$$

---

**94. Answer: a**

**Explanation:**

Let their investments for first 7 months be  $x$ ,  $3x$  and  $2x$  respectively.

And their investments for last 5 months be  $3y$ ,  $7y$  and  $3y$  respectively.

The average investment of Aman and Rakesh is Rs. 3500

$$(x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 3500$$

$$28x + 50y = 7000 \quad \text{-----(i)}$$

The average investment of Vinay and Rakesh is Rs. 4200.

$$(2x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 4200$$

$$35x + 50y = 8400 \quad \text{-----(ii)}$$

Solve equation (i) and (ii)

$$x = 200 \text{ and } y = 28$$

Total investment of Aman =  $1 \times 200 \times 7 + 28 \times 3 \times 5 = \text{Rs. } 1820$

Total investment of Rakesh =  $3 \times 200 \times 7 + 28 \times 7 \times 5 = \text{Rs. } 5180$

Total investment of Vinay =  $2 \times 200 \times 7 + 28 \times 3 \times 5 = \text{Rs. } 3220$ .

Investment ratio =  $1820 : 5180 : 3220 = 91 : 259 : 161$

Aman share in the profit is = Total profit  $\times (91/511) = 8350$

Total profit =  $46888.46 \approx 46888.5$

Total profit of Rakesh and Vinay =  $46888.5 - 8350 = \text{Rs. } 38538.5$

95. **Answer: c**

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**Explanation:**

Let their investments for first 7 months be  $x$ ,  $3x$  and  $2x$  respectively.

And their investments for last 5 months be  $3y$ ,  $7y$  and  $3y$  respectively.

The average investment of Aman and Rakesh is Rs. 3500

$$(x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 3500$$

$$28x + 50y = 7000 \quad \text{-----(i)}$$

The average investment of Vinay and Rakesh is Rs. 4200.

$$(2x \times 7 + 3x \times 7 + 3y \times 5 + 7y \times 5)/2 = 4200$$

$$35x + 50y = 8400 \quad \text{-----(ii)}$$

Solve equation (i) and (ii)

$$x = 200 \text{ and } y = 28$$

$$\text{Total investment of Aman} = 1 \times 200 \times 7 + 28 \times 3 \times 5 = \text{Rs. } 1820$$

$$\text{Total investment of Rakesh} = 3 \times 200 \times 7 + 28 \times 7 \times 5 = \text{Rs. } 5180$$

$$\text{Total investment of Vinay} = 2 \times 200 \times 7 + 28 \times 3 \times 5 = \text{Rs. } 3220$$

$$\text{Investment difference between Rakesh and Vinay} = 5180 - 3220 = \text{Rs. } 1960$$

96. Answer: b

Explanation:

Boat A is going upstream

$$\text{Speed Upstream} = 18 \text{ km/hr}$$

$$\text{Speed of stream} = 4 \text{ km/hr}$$

$$\text{Speed Upstream} = \text{Speed of boat in still water} - \text{Speed of stream}$$

$$18 = \text{Speed of boat in still water} - 4$$

$$\text{Speed of boat in still water} = 22 \text{ km/hr}$$

$$\text{Speed downstream} = \text{Speed of boat in still water} + \text{Speed of stream} = 22 + 4 = 26 \text{ km/hr}$$

★ Hint

Boat A is going upstream at a speed of 18 km/hr from point A in a stream of speed 4km/hr thus the speed of boat in still water is \_\_\_(4)\_\_\_ km/hr.

What is downstream speed ?

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97. Answer: a

Explanation:

Boat A is going upstream

$$\text{Speed of stream} = 3 \text{ km/hr}$$

$$\text{Speed of boat in still water} = 30 \text{ km/hr}$$

$$\text{Total time taken} = 12 \text{ hours}$$

$$\text{Speed upstream} = \text{Speed of boat in still water} - \text{Speed of stream} = 30 - 3 = 27 \text{ km/hr}$$

$$\text{Distance travelled} = (\text{Speed upstream}) (\text{Total time taken})$$

$$\text{Distance travelled} = 27 \times 12 = 324 \text{ km}$$

★ Hint

Boat A is going upstream at a speed of \_\_\_(2)\_\_\_ km/hr from point A in a stream of speed 3 km/hr thus the speed of boat in still water is 30 km/hr. After travelling a distance of \_\_\_(5)\_\_\_ in 12 hours it reaches point B it turns around and reaches the starting point in \_\_\_(7)\_\_\_ hours.

If (1) is upstream and (3) is 3 and (4) is 30, what is (5) if (6) is 12?

98. Answer: d

Explanation:

Initially, Boat A is going downstream

Speed of boat in still water = 24 km/hr

Speed of stream = 4 km/hr

Distance between A and B = 224 km

Speed downstream = Speed of boat in still water + Speed of stream = 24 + 4 = 28 km/hr

Time taken to go from A to B =  $\frac{\text{Distance between A and B}}{\text{Speed downstream}} = \frac{224}{28} = 8$  hours

While coming back

Boat A is going upstream

Speed of boat in still water = 24 - 4 = 20 km/hr

(∵ While coming back speed of boat in still water decreased by 4 km/hr)

Speed of stream = 4 km/hr

Speed upstream = Speed of boat in still water - Speed of stream = 20 - 4 = 16 km/hr

Time taken to go from B to A =  $\frac{\text{Distance between A and B}}{\text{Speed Upstream}} = \frac{224}{16} = 14$  hours

Thus, total time taken by boat A = 8 + 14 = 22 hours

★ Hint

Boat A is going downstream at a speed of \_\_\_(2)\_\_\_ km/hr from point A in a stream of speed 4km/hr thus the speed of boat in still water is 24 km/hr. After travelling a distance of 224 km in \_\_\_(6)\_\_\_ hours it reaches point B it turns around and reaches the starting point in \_\_\_(7)\_\_\_ hours. When the boat A leaves point A, boat B at point B starts travelling \_\_\_(8)\_\_\_.

While coming back speed of boat in still water decreased by 4 km/hr, what is the value of (6) + (7)?

99. Answer: a

Explanation:

Boat A goes upstream

Speed of boat A in still water = 28 km/hr

Speed of stream = 4 km/hr

Speed upstream = 28 - 4 = 24 km/hr

Distance between A and B = 630km

Boat B goes downstream

Speed of boat B in still water = 28 - 2 = 26 km/hr

Speed downstream = 26 + 4 = 30 km/hr

Both the boats leave at same time

When the boats will meet, boat A will travel a distance say x and boat B will travel a distance 630 - x

$$\therefore \frac{\text{Distance travelled by boat A}}{\text{Speed upstream of boat A}} = \frac{\text{Distance travelled by boat B}}{\text{Speed downstream of boat B}}$$

$$\therefore \frac{x}{24} = \frac{630 - x}{30}$$

$$\therefore x = 280\text{km}$$

$$\text{Time at which they meet} = \frac{280}{24} = \frac{35}{3} = 11\frac{2}{3} \text{ hours}$$

★ **Hint**

Boat A is going upstream at a speed of \_\_\_(2)\_\_\_ km/hr from point A in a stream of speed 4km/hr thus the speed of boat in still water is 28 km/hr. After travelling a distance of 630 km in \_\_\_(6)\_\_\_ hours it reaches point B it turns around and reaches the starting point in \_\_\_(7)\_\_\_ hours. When the boat A leaves point A, boat B at point B starts travelling at same time .

speed of boat B in still water is less than (4) by 2 with (8) being at same time. After how many hours do both the boats meet?

100. **Answer: d**

**Explanation:**

Boat A is going downstream

Speed of boat A in still water = 35 km/hr

Speed of stream = 3 km/hr

Speed downstream = 35 + 3 = 38 km/hr

Distance between A and B = 868km

Boat B goes upstream

Speed of boat B in still water = 35 + 2 = 37 km/hr

Speed upstream = 37 - 3 = 34 km/hr

Boat B leaves 2 hours later

Thus when the two boats meet

Boat A has travelled  $x$  km in  $t$  hours

Boat B has travelled  $868 - x$  km in  $t - 2$  hours

Thus, distance travelled by boat A + distance travelled by boat B = Total distance between point A and B

$$\therefore (\text{Speed downstream of boat A}) (\text{Time taken by boat A}) + (\text{Speed upstream of boat B}) (\text{Time taken by boat B}) = x + 868 - x$$

$$\therefore (38)(t) + (34)(t - 2) = 868$$

$$\therefore 38t + 34t - 68 = 868$$

$$\therefore 72t = 936$$

$$\therefore t = 13 \text{ hours}$$

**101. Answer: b**

**Explanation:**

Given,

$$\Rightarrow (3996 + 2496 + 3897) \div 754 = ?$$

$$\Rightarrow ? = 10,389/754$$

Now, to get the approximate value, let us assume,

$$10,389 \approx 10,390 \text{ and } 754 \approx 750$$

Now, the above expression becomes simple to calculate

$$\Rightarrow ? \approx 10,390/750$$

$$\Rightarrow ? \approx 1039/75$$

$$\Rightarrow ? \approx 207.8/15 \quad (\text{Dividing numerator and denominator by } 5)$$

$$\Rightarrow ? \approx 41.56/3 \quad (\text{Dividing numerator and denominator by } 5)$$

$$\Rightarrow ? \approx 13.853$$

$$\Rightarrow ? \approx 14$$

**102. Answer: d**

**Explanation:**

Follow BODMAS rule to solve this question, as per the order given below,

Step-1- Parts of an equation enclosed in 'Brackets' must be solved first, and in the bracket, the **BODMAS** rule must be followed,

Step-2- Any mathematical 'Of' or 'Exponent' must be solved next,

Step-3-Next, the parts of the equation that contain 'Division' and 'Multiplication' are calculated,

Step-4-Last but not least, the parts of the equation that contain 'Addition' and 'Subtraction' should be calculated.

Given expression is,

$$\Rightarrow [(1.3)^2 \times (4.2)^2] \div 2.7 = ?$$

$$\Rightarrow [1.69 \times 17.64] \div 2.7 = ?$$

$$\Rightarrow 29.8116 \div 2.7 = ?$$

$$\Rightarrow ? = 11.04$$

$$\Rightarrow ? \approx 11$$

---

**103. Answer: b**

**Explanation:**

In this type of question, we are expected to calculate **Approximate** value (not exact value), so we can replace the given numbers by their nearest perfect places which makes the calculation easy.

Now, the given expression:

$$21 + 3.7 \times 2.9 = ?$$

$$\Rightarrow ? \approx 21 + 4 \times 3$$

$$\Rightarrow ? \approx 21 + 12 \approx 33 \approx 32$$

Hence, the required answer is 32,

---

**104. Answer: a**

**Explanation:**

In this type of question, we are expected to calculate **Approximate** value (not exact value), so we can replace the given numbers by their nearest perfect places which makes the calculation easy.

Let,  $24.95 \approx 25$ ,  $9.88 \approx 10$ ,  $1010 \approx 1000$ ,  $624 \approx 625$ ,  $51 \approx 50$  and  $499 \approx 500$

Now, given expression:

$$\Rightarrow \left(\frac{25}{10}\right)^2 \times \frac{1000}{625} + \frac{50}{500} = ?$$

$$\Rightarrow ? = \left(\frac{25}{10}\right)^2 \times \frac{1000}{625} + \frac{50}{500}$$

$$\Rightarrow ? = \frac{625}{100} \times \frac{1000}{625} + \frac{50}{500}$$

$$\Rightarrow ? = 10 + 0.1$$

$$\Rightarrow ? = 10.1$$

Hence, the required answer is 10.1

105. Answer: b

**Explanation:**

In this type of question, we are expected to calculate **Approximate** value (not exact value), so we can replace the given numbers by their nearest perfect places which makes the calculation easy.

Let,  $17.94 \approx 18$ ,  $181 \approx 180$

Now, given expression:

$$130 \times 18 \div 180 = ?$$

Follow **BODMAS** rule to solve this question, as per the order given below,

**Step-1-** Parts of an equation enclosed in 'Brackets' must be solved first,

**Step-2-** Any mathematical 'Of' or 'Exponent' must be solved next,

**Step-3-** Next, the parts of the equation that contain 'Division' and 'Multiplication' are calculated,

**Step-4-** Last but not least, the parts of the equation that contain 'Addition' and 'Subtraction' should be calculated.

Now, given expression:

$$\Rightarrow ? = 130 \times 18 \div 180$$

$$\Rightarrow ? = 130 \times 0.1$$

$$\Rightarrow ? = 13$$

Hence, the required answer is **13**

106. Answer: b

**Explanation:**

Since articles A and B are sold at profit;

$$\text{Amount received while selling article A} = 150 \times 1.2 = \text{Rs. } 180$$

$$\text{Amount received while selling article B} = 320 \times 1.4 = \text{Rs. } 448$$

Since articles C and D are sold at loss;

$$\text{Amount received while selling article C} = 240 \times 0.65 = \text{Rs. } 156$$

$$\text{Amount received while selling article D} = 200 \times 0.75 = \text{Rs. } 150$$

$$\therefore \text{Total amount received} = 180 + 448 + 156 + 150 = \text{Rs. } 934$$

$$\text{Since Total cost price of all the articles} = 150 + 320 + 240 + 200 = \text{Rs. } 910$$

$$\therefore \text{Gross profit percentage} = (934 - 910)/910 = 2.63\%$$

**107. Answer: d**

**Explanation:**

Total cost price of 35 units of article A and 48 units of article C =  $150 \times 35 + 240 \times 48 = \text{Rs. } 16770$

Since article A is sold at loss;

$\therefore$  Selling price of A =  $150 \times 0.8 = \text{Rs. } 120$

Since article C is sold at profit;

$\therefore$  Selling price of C =  $240 \times 1.35 = \text{Rs. } 324$

Total selling price of 35 number of article A and 48 number of article C =  $120 \times 35 + 324 \times 48 = \text{Rs. } 19752$

$\therefore$  Overall profit percentage =  $(19752 - 16770)/16770 = 17.78\%$

---

**108. Answer: d**

**Explanation:**

We have to solve this question with hit and trial method;

Checking with option 4;

If both A and D are sold at profit;

Selling price of A =  $150 \times 1.2 = \text{Rs. } 180$

And selling price of D =  $200 \times 1.25 = \text{Rs. } 250$

Required percentage =  $(180/250) \times 100 = 72\%$

$\therefore$  Option 4 satisfies the given statement

---

**109. Answer: c**

**Explanation:**

Cost Price of article B = Rs 320 and Profit/loss percentage = 40%

When sold at loss;

$\therefore X = 320 \times 0.6 = \text{Rs. } 192$

When sold at profit;

$\therefore Y = 320 \times 1.4 = \text{Rs. } 448$

$\therefore$  Required percentage =  $(448 - 192)/192 = 133.33\%$

$\therefore Y$  is 133.33% more than X

---

110. Answer: e

**Explanation:**

Since Article C is sold at loss of 35% and Cost price is Rs. 240;

$\therefore$  Selling price of article C =  $240 \times 0.65 = \text{Rs. } 156$

Given the marked price of article C = Rs. 264

$\therefore$  Percentage discount =  $(264 - 156)/264 = 40.9\%$

From the bar graph: Cost price of article C = Rs. 240 and marked price is Rs. 264;

$\therefore$  Percentage markup =  $(264 - 240)/240 = 10\%$

$\therefore$  Difference between percentage discount and percentage markup of the article =  $40.9 - 10 = 30.9\%$

---

111. Answer: e

**Explanation:**

**From statement I:**

M is 7 years younger than N. So,  $M = N - 7$ . With this, ratio cannot be found.

$\therefore$  Statement I alone is not sufficient to answer the question.

**From statement II:**

After 14 years, the ratio of their ages will be 7 : 9. So,  $(M + 14)/(N + 14) = 7/9$

With this ratio cannot be found, as their will be constant terms in equation formed, and equation will not be homogenous in M and N.

$\therefore$  Statement II alone is not sufficient to answer the question.

**From statements I and II together:**

M is 7 years younger than N. After 14 years, the ratio of their ages will be 7 : 9.

So,  $M = N - 7$  and  $(M + 14)/(N + 14) = 7/9$

Solving, we can get M and N, and the ratio can be found.

$\therefore$  Using even both the statements together, we can answer the given question.

---

112. Answer: e

**Explanation:**

**From statement I:**

Each of the students scored a 3 digit perfect square marks. So, marks scored can be 121, 144, 100, ...But we do not know many students scored how many marks. Sum of marks cannot be found and hence average cannot be found.

∴ Statement I alone is not sufficient to answer the question.

**From statement II:**

Not more than 6 students have scored equal marks. Sum of marks cannot be found with this information and hence average cannot be found.

∴ Statement II alone is not sufficient to answer the question.

**From statements I and II together:**

Each of the students scored a 3 digit perfect square marks. Not more than 6 students have scored equal marks.

So, marks scored can be 100, 121, 144, 169 or 196. There are 30 students, and if not more than 6 students have scored equal marks, then each of the possible 5 marks have been scored by 6 students. So, sum of marks can be found now. Average marks =  $6 \times (100 + 121 + 144 + 169 + 196)/30$

∴ Using both the statements together, we can answer the given question.

---

**113. Answer: e**

**Explanation:**

**From statement I:**

M is twice the N. M and N can be 4 and 2, or can be 6 and 3. N may or may not be odd.

∴ Statement I alone is not sufficient to answer the question.

**From statement II:**

Sum of M and N is odd. So, one of M and N is even and other is odd. But it cannot be found which one is odd. N may or may not be odd.

∴ Statement II alone is not sufficient to answer the question.

**From statements I and II together:**

M is twice the N. So, M is even.

Sum of M and N is odd. So, one of M and N is even and other is odd.

⇒ N must be odd as M is even.

∴ Using both the statements together, we can answer the given question.

---

**114. Answer: b**

**Explanation:**

Suppose a solution contains x units of a whisky from which y units are taken out and replaced by soda

After  $n$  repeated operations, quantity of pure liquid remaining in solution

$$\Rightarrow x(1 - y/x)^n = x(1 - y/x)^n \text{ units}$$

Where  $n$  = number of replacements

So, whisky in the drum now:

$$\Rightarrow 40 (1 - 4/40)^3 = 40(1 - 1/10)^3$$

$$\Rightarrow 29.16$$

$\therefore$  29.16 units of whisky is in the container

**115. Answer: b**

**Explanation:**

Let the efficiencies of Jack and Finn be  $M$  and  $N$ , respectively.

We know, time to finish work is inversely proportional to efficiency.

$$\Rightarrow 6 \times (M + N) = 10 \times N$$

$$\Rightarrow 6M = 4N$$

$$\Rightarrow M/N = 2/3$$

$\therefore$  Ratio of efficiencies is  $2 : 3$ .

**116. Answer: d**

**Explanation:**

Let the jar initially contains  $3x$  and  $x$  litres of mixture A and B respectively

$$\therefore \text{Quantity of A in mixture left} = (3x - \frac{3}{4} \times 6) = (3x - 18/4) \text{ litres}$$

$$\therefore \text{Quantity of B in mixture left} = (x - \frac{1}{4} \times 6) = (x - 6/4) \text{ litres}$$

Given,

$$\Rightarrow (3x - 18/4) / ((x - 6/4) + 10) = 1/3$$

$$\Rightarrow 9x - 54/4 = x - 6/4 + 10$$

$$\Rightarrow (36x - 54)/4 = (4x - 6 + 40)/4$$

$$\Rightarrow 36x - 4x = 34 + 54$$

$$\Rightarrow 32x = 88$$

$$\Rightarrow x = 2.75$$

$\therefore$  Amount of liquid A in the jar =  $3x = 3 \times 2.75 = 8.25$  litres

117. Answer: d

**Explanation:**

Given:

Speed of a boat itself = 30km/h

The rate of flow of the stream = 5 km/h

Distance moving against the stream the boat = 200 m

**Concept used:**

$$m/s = (km/h) \times 5/18$$

$$\text{Downstream speed} = (a + b) \text{ km/h}$$

$$\text{Upstream speed} = (a - b) \text{ km/h}$$

Where,

a → Speed of a boat in still water

b → Speed of a stream

**Calculations:**

Let the distance to be covered by the boat when it is traveling in direction of the stream be x.

$$\text{Upstream speed} = 30 - 5 = 25 \text{ km/h.}$$

$$\Rightarrow 25 \times (5/18) \text{ m/s}$$

$$\text{Time taken by man in upstream speed} = 200 / (25 \times (5/18)) = 144/5$$

$$\text{Downstream speed} = 30 + 5 = 35 \text{ km/h}$$

$$\Rightarrow 35 \times (5/18) \text{ m/s}$$

$$\text{Distance travel by man downstream speed} = (35 \times (5/18)) \times 144/5 = 280 \text{ m.}$$

∴ Distance travel by man downstream speed is 280 m

118. Answer: c

**Explanation:**

$$1. 12x^2 + 7x + 1 = 0$$

$$\Rightarrow 12x^2 + 4x + 3x + 1 = 0$$

$$\Rightarrow 4x(3x + 1) + 1(3x + 1) = 0$$

$$\Rightarrow (3x + 1)(4x + 1) = 0$$

Then,  $x = -1/3$  or  $x = -1/4$

II.  $21y^2 + 4y - 1 = 0$

$\Rightarrow 21y^2 + 7y - 3y - 1 = 0$

$\Rightarrow 7y(3y + 1) - 1(3y + 1) = 0$

$\Rightarrow (3y + 1)(7y - 1) = 0$

Then,  $y = -1/3$  or  $y = +1/7$

So, when  $x = -1/3$ ,  $x = y$  for  $y = -1/3$  and  $x < y$  for  $y = +1/7$

And when  $x = -1/4$ ,  $x > y$  for  $y = -1/3$  and  $x < y$  for  $y = +1/7$

$\therefore$  So, we can observe that no clear relationship cannot be determined between  $x$  and  $y$ .

**119. Answer: c**

**Explanation:**

I.  $10x^2 + 17.5x - 5 = 0$

$\Rightarrow 4x^2 + 7x - 2 = 0$  [Dividing both sides by 2.5]

$\Rightarrow 4x^2 + 8x - x - 2 = 0$

$\Rightarrow 4x(x + 2) - 1(x + 2) = 0$

$\Rightarrow (x + 2)(4x - 1) = 0$

Then,  $x = -2$  or  $x = +1/4$

II.  $52y^2 - 78y - 52 = 0$

$\Rightarrow 2y^2 - 3y - 2 = 0$  [Dividing both sides by 26]

$\Rightarrow 2y^2 - 4y + y - 2 = 0$

$\Rightarrow 2y(y - 2) + 1(y - 2) = 0$

$\Rightarrow (y - 2)(2y + 1) = 0$

Then,  $y = +2$  or  $y = -1/2$

So, when  $x = -2$ ,  $x < y$  for  $y = +2$  and  $x < y$  for  $y = -1/2$

And when  $x = +1/4$ ,  $x < y$  for  $y = +2$  and  $x > y$  for  $y = -1/2$

$\therefore$  So, we can observe that no clear relationship cannot be determined between  $x$  and  $y$ .

**120. Answer: c**

**Explanation:**

$$I. 5x^2 - 16x + 3 = 0$$

$$\Rightarrow 5x^2 - 15x - x + 3 = 0$$

$$\Rightarrow 5x(x - 3) - 1(x - 3) = 0$$

$$\Rightarrow (x - 3)(5x - 1) = 0$$

Then,  $x = +3$  or  $x = +1/5$

$$II. 3y^2 + 11y - 4 = 0$$

$$\Rightarrow 3y^2 + 12y - y - 4 = 0$$

$$\Rightarrow 3y(y + 4) - 1(y + 4) = 0$$

$$\Rightarrow (y + 4)(3y - 1) = 0$$

Then,  $y = -4$  or  $y = +1/3$

So, when  $x = +3$ ,  $x > y$  for  $y = -4$  and  $x > y$  for  $y = +1/3$

And when  $x = +1/5$ ,  $x > y$  for  $y = -4$  and  $x < y$  for  $y = +1/3$

$\therefore$  So, we can observe that no clear relationship cannot be determined between  $x$  and  $y$ .

**121. Answer: b**

**Explanation:**

$$I. 2x^2 - 15x + 13 = 0$$

$$\Rightarrow 2x^2 - 13x - 2x + 13 = 0$$

$$\Rightarrow x(2x - 13) - 1(2x - 13) = 0$$

$$\Rightarrow (2x - 13)(x - 1) = 0$$

Then,  $x = +13/2$  or  $x = +1$

$$II. 6y^2 - 5y + 1 = 0$$

$$\Rightarrow 6y^2 - 3y - 2y + 1 = 0$$

$$\Rightarrow 3y(2y - 1) - 1(2y - 1) = 0$$

$$\Rightarrow (2y - 1)(3y - 1) = 0$$

Then,  $y = +1/2$  or  $y = +1/3$

So, when  $x = +13/2$ ,  $x > y$  for  $y = +1/2$  and  $x > y$  for  $y = +1/3$

And when  $x = +1$ ,  $x > y$  for  $y = +1/2$  and  $x > y$  for  $y = +1/3$

$\therefore$  We can clearly see that  $x > y$ .

122. Answer: c

Explanation:

$$I. 6x^2 - 28x - 10 = 0$$

$$\Rightarrow 6x^2 - 30x + 2x - 10 = 0$$

$$\Rightarrow 6x(x - 5) + 2(x - 5) = 0$$

$$\Rightarrow (x - 5)(6x + 2) = 0$$

$$\text{Then, } x = +5 \text{ or } x = -2/6 = -1/3$$

$$II. 3y^2 - 23y - 8 = 0$$

$$\Rightarrow 3y^2 - 24y + y - 8 = 0$$

$$\Rightarrow 3y(y - 8) + 1(y - 8) = 0$$

$$\Rightarrow (y - 8)(3y + 1) = 0$$

$$\text{Then, } y = +8 \text{ or } y = -1/3$$

So, when  $x = +5$ ,  $x > y$  for  $y = -1/3$  and  $x < y$  for  $y = +8$

And when  $x = -1/3$ ,  $x < y$  for  $y = +8$  and  $x = y$  for  $y = -1/3$

$\therefore$  So, we can observe that no clear relationship cannot be determined between  $x$  and  $y$ .

123. Answer: c

Explanation:

Let the total population of the six countries be 'x' and the total female population be 'y'

Total population of Canada = 21% of  $x = 0.21x$

Female population of Canada = 24% of  $y = 0.24y$

Male population of Canada = Total population - Female population =  $0.21x - 0.24y$

$\therefore$  Male population =  $83\frac{1}{3}\%$  of (Total population)

$$\Rightarrow 0.21x - 0.24y = (250/300) \times 0.18x$$

$$\Rightarrow 0.21x - 0.24y = 0.15x$$

$$\Rightarrow 0.21x - 0.15x = 0.24y$$

$$\Rightarrow 0.06x = 0.24y$$

$$\Rightarrow x = 4y$$

Now,

$$\text{Total population of USA} = 7\% \text{ of } x = 0.07x = 0.07(4y) = 0.28y$$

$$\text{Female population of USA} = 4\% \text{ of } y = 0.04y$$

$$\text{Male population of USA} = \text{Total population} - \text{Female population} = 0.28y - 0.04y = 0.24y$$

$$\text{Total population of Philippines} = 5\% \text{ of } x = 0.05x = 0.05(4y) = 0.2y$$

$$\text{Female population of Philippines} = 4\% \text{ of } y = 0.04y$$

$$\text{Male population of Philippines} = \text{Total population} - \text{Female population} = 0.2y - 0.04y = 0.16y$$

$$\text{Difference in male population of USA \& Philippines} = 0.24y - 0.16y = 0.08y$$

$$\text{Required percentage} = (0.08y/0.24y) \times 100 = 33.3\%$$

$\therefore$  The number of males in Philippines is 33.3% less than the number of males in USA

**124. Answer: e**

**Explanation:**

Let the total population of the six countries be 'x' and the total female population be 'y'

$$\text{Female population of Germany} = 12\% \text{ of } y = 0.12y$$

$$\text{Total population of USA \& Philippines} = (7 + 5)\% \text{ of } x = 12\% \text{ of } x = 0.12x$$

$$\therefore \text{Female population of Germany} = \text{Total population of USA \& Philippines} - 116550$$

$$\Rightarrow 0.12y = 0.12x - 116550$$

$$\Rightarrow 0.12x - 0.12y = 116550$$

$$\Rightarrow x - y = 971250 \quad \text{-----(1)}$$

Also,

$$\text{Total population of Germany} = 18\% \text{ of } x = 0.18x$$

$$\text{Female population of Australia} = 40\% \text{ of } y = 0.4y$$

$$\therefore \text{Total population of Germany} = 2(\text{Female population of Australia}) - 25900$$

$$\Rightarrow 0.18x = 2(0.4y) - 25900$$

$$\Rightarrow 0.18x = 0.8y - 25900$$

$$\Rightarrow 0.8y - 0.18x = 25900$$

Dividing by 0.2,

$$\Rightarrow 4y - 0.9x = 129500 \quad \text{-----(2)}$$

Multiplying (1) by 0.9 and adding to 2,

$$\Rightarrow 4y - 0.9x + 0.9x - 0.9y = 129500 + 874125$$

$$\Rightarrow 3.1y = 1003625$$

$$\Rightarrow y = 1003625/3.1 = 323750$$

$$\therefore \text{Female population of Germany} = 0.12y = 0.12 \times 323750 = 38850$$

**125. Answer: a**

**Explanation:**

Let the total population of the six countries be 'x' and the total female population be 'y'

Female population of India and USA = 16% of y + 4% of y =  $0.16y + 0.04y = 0.2y$

Total population of Philippines = 5% of x =  $0.05x$

$\therefore$  Female population of India & USA = Total population of Philippines

$$\Rightarrow 0.2y = 0.05x$$

$$\Rightarrow x = (0.2/0.05)y$$

$$\Rightarrow x = 4y$$

Total population of Australia = 36% of x =  $0.36x = 0.36(4y) = 1.44y$

Female population of Australia = 40% of y =  $0.4y$

Male population of Australia = Total population - Female population =  $1.44y - 0.4y = 1.04y$

Female population of Canada = 24% of y =  $0.24y$

$\therefore$  Required ratio =  $1.04y : 0.24y = 13 : 3$

**126. Answer: e**

**Explanation:**

Let the total population of the six countries be 'x'

Total population of Australia, Canada and Germany =  $(36 + 21 + 18)\%$  of x = 75% of x =  $0.75x$

Average population of Australia, Canada and Germany =  $0.75x/3 = 0.25x$

Total population of India = 13% of x =  $0.13x$

$\therefore$  Average population of Australia, Canada and Germany = 155400 + Total population of India

$$\Rightarrow 0.25x = 155400 + 0.13x$$

$$\Rightarrow 0.25x - 0.13x = 155400$$

$$\Rightarrow 0.12x = 155400$$

$$\Rightarrow x = 155400/0.12$$

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$$\Rightarrow x = 1295000$$

$$\text{Total population of India} = 0.13x = 0.13 \times 1295000 = 168350$$

$$\text{Total population of USA \& Philippines} = (7 + 5)\% \text{ of } x = 0.12 \times 1295000 = 155400$$

$\therefore$  The total population of USA & Philippines is  $(168350 - 155400 = )$  12950 less than the total population of India

**127. Answer: e**

**Explanation:**

Let the total population of the six countries be 'x' and the total female population be 'y'

$$\text{Total population of India} = 13\% \text{ of } x = 0.13x$$

$$\text{Female population of India} = 16\% \text{ of } y = 0.16y$$

$$\text{Male population of India} = 0.13x - 0.16y$$

$$\text{Male to female ratio of India} = (0.13x - 0.16y) : 0.16y \quad \text{----(1)}$$

Considering statement I,

$$\text{Female population of India} = 51800$$

Neither the total population nor the male population of India can be computed

Hence, this statement is not sufficient

Considering statement II,

$$\text{Total population of Canada} = 21\% \text{ of } x = 0.21x$$

$$\text{Female population of Canada} = 24\% \text{ of } y = 0.24y$$

$$\text{Male population of Canada} = 0.21x - 0.24y$$

$$\text{Male to female ratio of Canada} = (0.21x - 0.24y) : 0.24y = 5 : 2$$

$$\Rightarrow (0.21x - 0.24y) / 0.24y = 5/2$$

$$\Rightarrow 0.42x - 0.48y = 1.2y$$

$$\Rightarrow 0.42x = 1.68y$$

$$\Rightarrow x = 4y$$

Substituting in (1),

$$\text{Male to female ratio of India} = (0.13x - 0.16y) : 0.16y = 0.36y : 0.16y = 9 : 4$$

Considering statement III,

$$\text{Total population of India} = 13\% \text{ of } x = 0.13x$$

$$\text{Female population of Australia} = 40\% \text{ of } y = 0.4y$$

$\therefore$  Total population of India =  $(100 + 30)\%$  of (Female population of Australia)

$$\Rightarrow 0.13x = 1.3 \times 0.4y$$

$$\Rightarrow x = 4y$$

Substituting in (1),

$$\text{Male to female ratio of India} = (0.13x - 0.16y) : 0.16y = 0.36y : 0.16y = 9 : 4$$

$\therefore$  The question can be answered using either II or III statement

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**128. Answer: b**

**Explanation:**

First we will find Quantity A,

**Quantity A:**

Here, Cost price (CP) = 1950 and

Selling Price (SP) = 2730

$$\% \text{ Profit} = (SP - CP)/CP \times 100$$

$$= (2730 - 1950)/1950 \times 100 = 40$$

Now,

**Quantity B:**

Here, Let the marked price (MP) be 100.

Now, the customer gets three successive discounts of 20%, 15% and 10%.

$$\therefore \text{Selling price after three discounts} = 80\% \times 85\% \times 90\% \times 100 = 61.2$$

$$\% \text{ Discount} = (MP - SP)/MP \times 100$$

$$\Rightarrow \% \text{ Discount} = (100 - 61.2)/100 \times 100 = 38.8$$

Clearly, Quantity B < Quantity A

---

**129. Answer: b**

**Explanation:**

First we will find Quantity A,

**Quantity A:**

Since sides of rectangle are in the ratio 3 : 5, let the sides be 3x and 5x.

given,  $5x - 3x = 10$

$$\Rightarrow x = 5$$

$\Rightarrow$  sides of rectangle are  $5x = 25$  and  $3x = 15$  respectively.

We know that, area of a rectangle = length  $\times$  breadth

$$\therefore \text{Area} = 25 \times 15$$

$$\Rightarrow \text{Area} = 375 \text{ cm}^2$$

$$\text{Quantity A} = 375$$

Now,

**Quantity B:**

Circumference of a circle of radius  $r = 2\pi r$

$$\Rightarrow 66 = 2 \times \left(\frac{22}{7}\right) \times r$$

$$\Rightarrow r = 10.5 \text{ cm}$$

Area of a circle of radius  $r = \pi r^2$

$$\therefore \text{Area} = \left(\frac{22}{7}\right) \times (10.5)^2$$

$$\Rightarrow \text{Area} = 346.5 \text{ cm}^2$$

$$\text{Quantity B} = 346.5$$

Clearly, Quantity B  $<$  Quantity A

130. **Answer: e**

**Explanation:**

First we will find Quantity A,

**Quantity A:**

Single-digit odd numbers are: 1, 3, 5, 7, 9

$$\text{Required sum} = 1^3 + 3^3 + 5^3 + 7^3 + 9^3$$

$$= 1 + 27 + 125 + 343 + 729$$

$$= 1225$$

$$\text{Quantity A} = 1225$$

**Quantity B:**

LCM of 7 and 5 is 35

$$35^2 = 1225$$

$$\text{Quantity B} = 1225$$

Clearly, Quantity B = Quantity A

---

**131. Answer: a**

**Explanation:**

First we will find Quantity A,

**Quantity A:**

Let the maximum marks be  $x$ .

Suman scored 35% marks and failed to score 40% by 20 marks.

$$\therefore 40\% \text{ of } x - 35\% \text{ of } x = 20$$

$$\Rightarrow 5\% \text{ of } x = 20$$

$$\Rightarrow x = (20 \times 100)/5$$

$$\Rightarrow x = 400$$

$$\text{Quantity A} = 400$$

Now,

**Quantity B:**

Sum of first  $n$  natural numbers is given by  $= n(n+1)/2$

$$\therefore \text{Sum of first 28 natural numbers} = 28 \times 29/2 = 406$$

$$\text{Quantity B} = 406$$

Clearly, Quantity B > Quantity A

---

**132. Answer: a**

**Explanation:**

First we will find Quantity A,

**Quantity A:**

$$19\% \text{ of } (32 \times 8 \div 16 \text{ of } 4)\% \text{ of } 400000$$

$$\Rightarrow 19\% \text{ of } (32 \times 8 \div 64)\% \text{ of } 400000$$

$$\Rightarrow 0.19 \times 0.04 \times 400000 = 3040$$

$$\Rightarrow \text{Quantity A} = 3040$$

Now,

**Quantity B:**

$$56^2 - 96 + 2^{7x+8} \div 256 \div 2^{7x}$$

$$\Rightarrow 56^2 - 96 + 2^{7x+8-8-7x}$$

$$\Rightarrow 56^2 - 96 + 2^0$$

$$\Rightarrow 3136 - 96 + 1 = 3041$$

$$\Rightarrow \text{Quantity B} = 3041$$

$\therefore$  Quantity B > Quantity A

133. Answer: c

**Explanation:**

**Given:**

Length of 1st train = 300 m

Length of 2nd train = 400 m

Speed of 1st train = 40 km/hr

Speed of 2nd train = 50 km/hr

**Concept used:**

Relative Speed of 2 bodies = Sum of their individual speeds if they are moving in the opposite direction

**Calculation:**

Sum of length of two trains = 300 m + 400 m = 700 m

Relative speed = (40 + 50) km/hr

$$\Rightarrow 90 \text{ km/hr} = 90 \times (5/18) \text{ m/s}$$

$$\Rightarrow 25 \text{ m/s}$$

$$\therefore \text{Time to cross each other} = 700/25 \text{ seconds}$$

$$\Rightarrow 28 \text{ seconds}$$

$\therefore$  Time taken to cross each other is 28 seconds

134. Answer: c

**Explanation:**

Let the volume of the tank be V liters.

Since the leak empty the filled tank (i.e. V liters of water) in 15 hours,

$$\Rightarrow \text{Speed with which the water leaks out} = V/15 \text{ lts/hr}$$

Also given that the speed of water coming from tap = 4 lts/min

= 240 lts/hour

Since when leak and the filling tap both is open it takes 30 hours to empty the tank, hence

Total tank volume + Filling tank speed  $\times$  30 – leak speed  $\times$  30 = 0

$$\Rightarrow V + 240 \times 30 - \frac{V}{15} \times 30 = 0$$

$$\Rightarrow V = 7200 \text{ liters}$$

**135. Answer: d**

**Explanation:**

Now the formula for compound interest can be given as

$$CI = P(1 + R/100)^t - P$$

Where CI = Compound Interest

P = Principal

R = Rate of interest

T = Time period

In our case the interest earned at the end of first year can be given as

$$CI = 6000(1.08)^1 - 6000$$

$$CI = \text{Rs. } 480$$

Income tax @20% is deducted on the interest earned

$$\therefore 480 \times 0.2 = 96$$

$$\therefore \text{Amount at the end of first year} = 6000 + 480 - 96 = 6384$$

Now the amount at the end of first year is taken as principal at the beginning of second year

$\therefore$  Interest earned at the end of second year

$$CI = 6384(1.08) - 6384 = \text{Rs. } 510.72$$

$$\text{Income tax deducted} = 510.72 \times 0.2 = 102.144$$

$$\therefore \text{Amount at the end of second year} = 6384 + 510.72 - 102.144 = 6792.576$$

Interest earned at the end of third year

$$CI = 6792.576(1.08) - 6792.576 = 543.40$$

$$\text{Income tax deducted} = 543.40 \times 0.2 = 108.68$$

$$\therefore \text{Amount at the end of third year} = 6792.576 + 543.4 - 108.68 = 7227.296$$

136. Answer: d

Explanation:

$$\text{Total no of male employees in Banks B and H together} = \frac{11}{16} \times 5760 + \frac{8}{14} \times 6720 = 7800$$

$$\text{Total no of MBA holders in Banks B and H together} = 5760 \times \frac{65}{100} + 6720 \times \frac{4}{5} = 9120$$

$$\text{Ratio} = \frac{7800}{9120} = 65 : 76$$

137. Answer: e

Explanation:

$$\text{Average Employees in Bank A per branch} = \frac{5136}{16} = 321$$

$$\text{Average Employees in Bank B per branch} = \frac{5760}{18} = 320$$

$$\text{Average Employees in Bank C per branch} = \frac{4620}{14} = 330$$

$$\text{Average Employees in Bank D per branch} = \frac{7150}{22} = 325$$

$$\text{Average Employees in Bank E per branch} = \frac{4108}{13} = 316$$

$$\text{Average Employees in Bank F per branch} = \frac{5576}{17} = 328$$

$$\text{Average Employees in Bank G per branch} = \frac{7440}{24} = 310$$

$$\text{Average Employees in Bank H per branch} = \frac{6720}{21} = 320$$

$$2^{\text{nd}} \text{ highest average no of employees per branch} = F$$

138. Answer: c

Explanation:

$$\text{MBA holder in H} = 6720 \times \frac{4}{5} = 5376$$

$$\text{Female MBA holders} = 5376 - 3600 = 1776$$

$$\text{Female employees} = 6720 \times \frac{6}{14} = 2880$$

$$\text{Female MBA holders next year} = 1776 \times \frac{3}{2} = 2664$$

$$\text{Percentage of female MBA holders} = \frac{2664}{2880} \times 100$$

$$= 92.5 \%$$

139. Answer: a

Explanation:

$$\text{No of MBA holder in Bank A} = 5136 \times \frac{3}{4} = 3852$$

$$\text{No of MBA holder in Bank B} = 5760 \times \frac{65}{100} = 3744$$

$$\text{No of MBA holder in Bank G} = 7440 \times \frac{55}{100} = 4092$$

$$\text{No of MBA holder in Bank D} = 7150 \times \frac{3}{5} = 4290$$

$$\text{No of MBA holder in Bank F} = 5576 \times \frac{3}{4} = 4182$$

$$\text{No of MBA holder in Bank H} = 6720 \times \frac{4}{5} = 5376$$

$$\text{Total MBA holder in Banks (A + B + D)} = 11886$$

$$\text{Total MBA holder in Bank (F + G + H)} = 13650$$

$$\text{Difference} = 13650 - 11886 = 1764$$

$$\text{average} = \frac{1764}{3} = 588$$

140. Answer: c

Explanation:

$$\text{No of. female in Bank A} = 712 \times 100 = 58.34 \%$$

$$\text{No of. female in Bank B} = \frac{5}{16} \times 100 = 31.25 \%$$

$$\text{No of. female in Bank C} = \frac{11}{21} \times 100 = 52.4 \%$$

$$\text{No of. female in Bank D} = \frac{2}{5} \times 100 = 40 \%$$

$$\text{No of. female in Bank E} = \frac{6}{13} \times 100 = 46.15 \%$$

$$\text{No of. female in Bank F} = \frac{21}{41} \times 100 = 51.22\%$$

$$\text{No of. female in Bank G} = \frac{7}{15} \times 100 = 46.67 \%$$

$$\text{No of. female in Bank H} = \frac{6}{14} \times 100 = 42.86 \%$$

clearly, Bank D is second lowest.

141. Answer: b

Explanation:

The rule followed in arrangement of numbers is:

- 1) The sum of lowest number is arranged on the left side and simultaneously the difference of the highest number is arranged on the right hand side
- 2) In the last step all the number are arranged in ascending order.

Input: 87 73 95 81 84 79 36 74

Step I: 09 87 73 81 84 79 74 04

Step II: 10 09 81 84 79 74 04 01

Step III: 11 10 09 81 79 04 01 04

Step IV: 16 11 10 09 04 01 04 07

Step V: 01 04 04 07 09 10 11 16

The number left of 79 in step 3 is 81.

142. Answer: d

Explanation:

The rule followed in arrangement of numbers is:

1) The sum of lowest number is arranged on the left side and simultaneously the difference of the highest number is arranged on the right hand side

2) In the last step all the number are arranged in ascending order.

Input: 87 73 95 81 84 79 36 74

Step I: 09 87 73 81 84 79 74 04

Step II: 10 09 81 84 79 74 04 01

Step III: 11 10 09 81 79 04 01 04

Step IV: 16 11 10 09 04 01 04 07

Step V: 01 04 04 07 09 10 11 16

here followed pattern is related to 2nd number from right side.

In step 1, 04 is 2nd to the right of 79.

In step 2, 01 is 2nd to the right of 74

Similarly, 04 is 2<sup>nd</sup> to the right of 10 in step 4.

143. Answer: b

Explanation:

The rule followed in arrangement of numbers is:

1) The sum of lowest number is arranged on the left side and simultaneously the difference of the highest number is arranged on the right hand side

2) In the last step all the number are arranged in ascending order.

Input: 87 73 95 81 84 79 36 74

Step I: 09 87 73 81 84 79 74 04

Step II: 10 09 81 84 79 74 04 01

Step III: 11 10 09 81 79 04 01 04

Step IV: 16 11 10 09 04 01 04 07

Step V: 01 04 04 07 09 10 11 16

First number from right end in step 1: 04

Second number from right end in step 2: 04

Third number from right end in step 3: 04

Fourth number from right end in step 4: 04

Average =  $(04 + 04 + 04 + 04) / 4 = 04$

Hence, the correct answer is 04.

---

**144. Answer: a**

**Explanation:**

The rule followed in arrangement of numbers is:

- 1) The sum of lowest number is arranged on the left side and simultaneously the difference of the highest number is arranged on the right hand side
- 2) In the last step all the number are arranged in ascending order.

Input: 87 73 95 81 84 79 36 74

Step I: 09 87 73 81 84 79 74 04

Step II: 10 09 81 84 79 74 04 01

Step III: 11 10 09 81 79 04 01 04

Step IV: 16 11 10 09 04 01 04 07

Step V: 01 04 04 07 09 10 11 16

Third number from right end in step 2: 79

Fourth number from left and step 3: 81

Difference =  $81 - 74 = 07$

---

**145. Answer: d**

**Explanation:**

The rule followed in arrangement of numbers is:

1) The sum of lowest number is arranged on the left side and simultaneously the difference of the highest number is arranged on the right hand side

2) In the last step all the number are arranged in ascending order.

Input: 87 73 95 81 84 79 36 74

Step I: 09 87 73 81 84 79 74 04

Step II: 10 09 81 84 79 74 04 01

Step III: 11 10 09 81 79 04 01 04

Step IV: 16 11 10 09 04 01 04 07

Step V: 01 04 04 07 09 10 11 16

The position of '10' in step 5 is 3<sup>rd</sup> the right end.

146. Answer: c

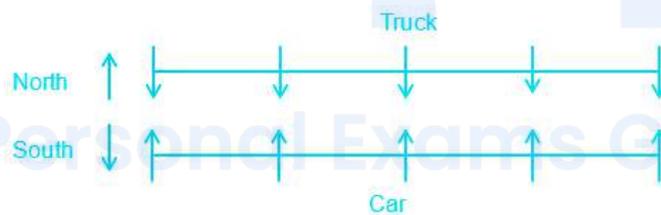
Explanation:

Vehicles – Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane

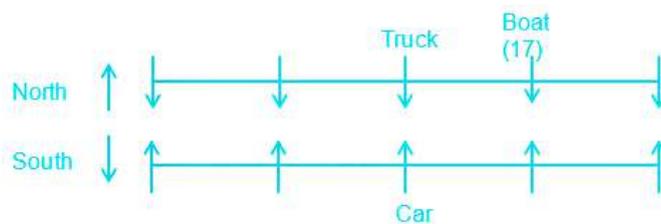
Speed – 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575

All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

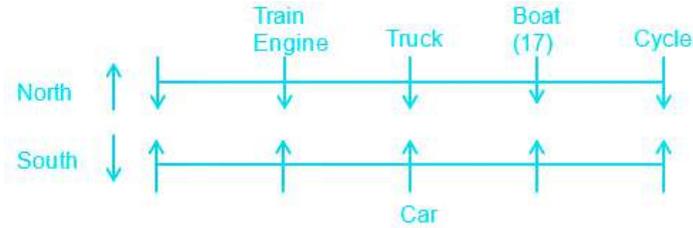
1. The car is sitting third to the extreme end and facing North. Truck faces car.



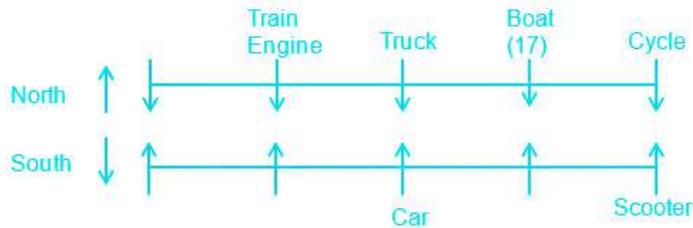
2. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr.



3. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other.

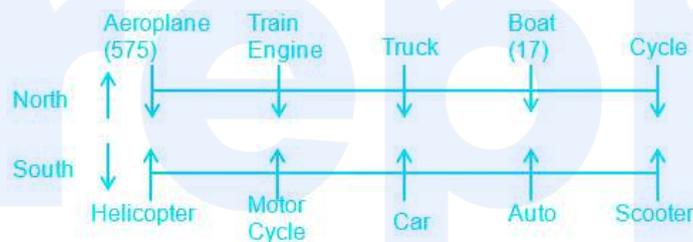


4. The one who faces Train sits third to the Scooter who has a speed of multiple of 5.

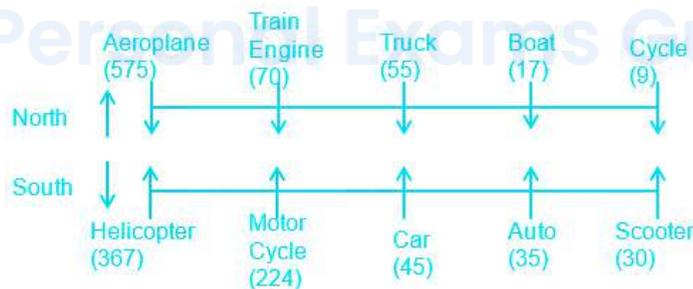


5. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Aeroplane is sitting at the extreme end and has the highest speed.

6. Motorcycle is not at the extreme end.



7. The one who has speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train Engine. Truck has speed 55 km/hr.



Hence, difference between speed of Motorcycle and Truck is 169 km/hr.

147. Answer: d

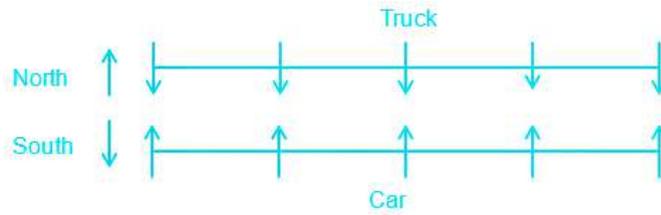
Explanation:

Vehicles - Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane

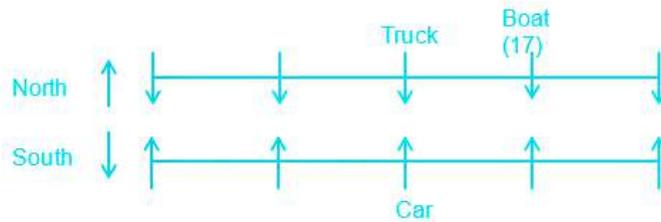
Speed - 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575

All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

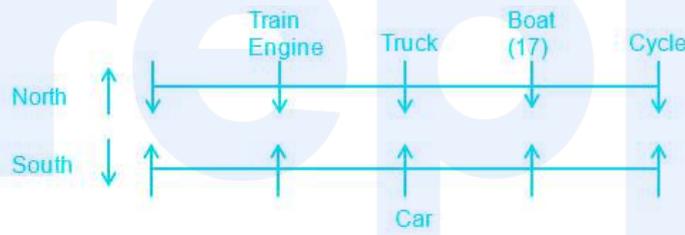
1. The car is sitting third to the extreme end and facing North. Truck faces car.



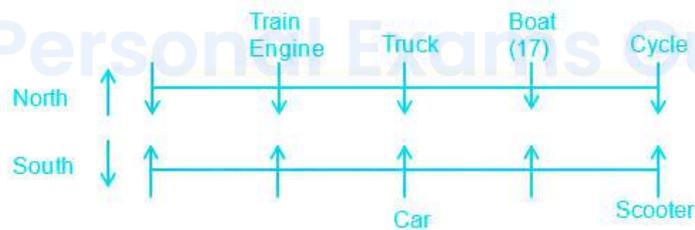
2. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr.



3. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other.

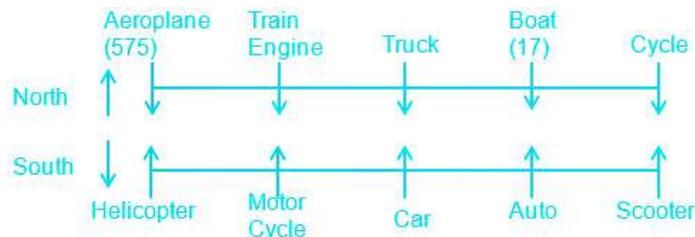


4. The one who faces Train sits third to the Scooter who has a speed of multiple of 5.

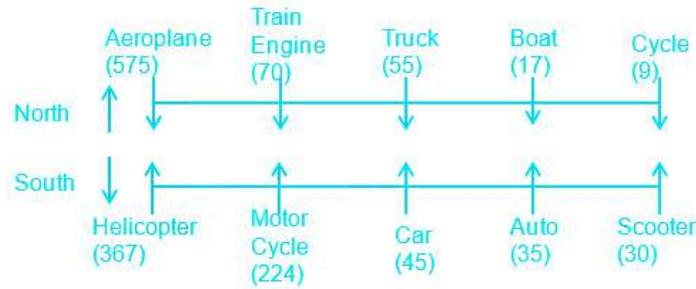


5. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Aeroplane is sitting at the extreme end and has the highest speed.

6. Motorcycle is not at the extreme end.



7. The one who has speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train Engine. Truck has speed 55 km/hr.



Hence, except auto all other vehicles are placed at extreme end.

148. Answer: b

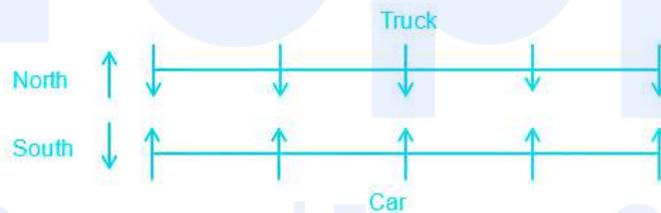
Explanation:

Vehicles - Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane

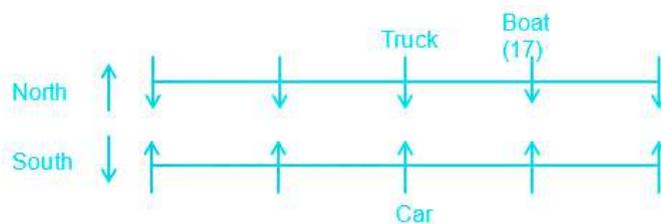
Speed - 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575

All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

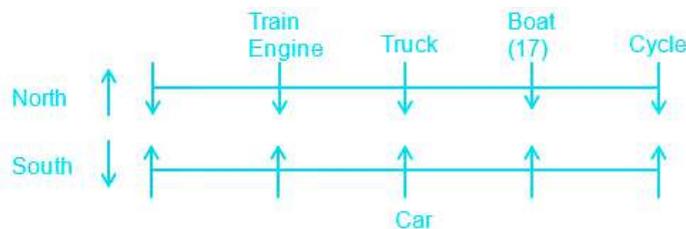
1. The car is sitting third to the extreme end and facing North. Truck faces car.



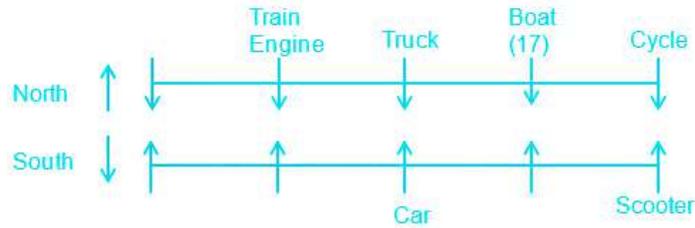
2. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr.



3. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other.

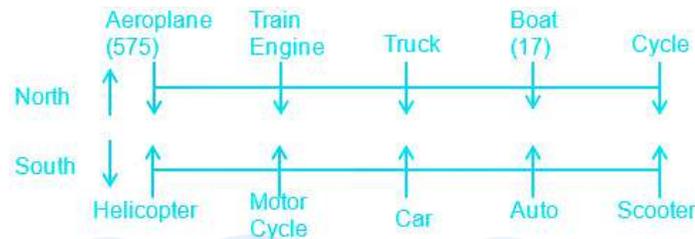


4. The one who faces Train sits third to the Scooter who has a speed of multiple of 5.

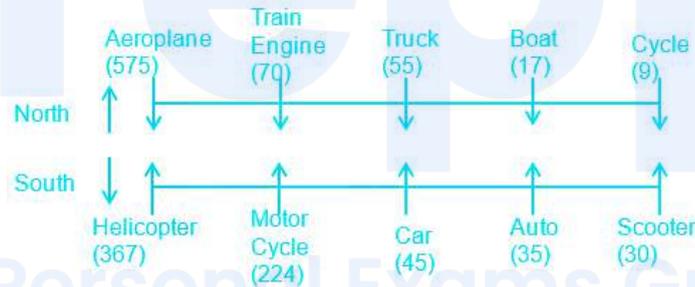


5. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Aeroplane is sitting at the extreme end and has the highest speed.

6. Motorcycle is not at the extreme end.



7. The one who has speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train Engine. Truck has speed 55 km/hr.



Hence, speed of auto is 35 km/hr.

149. Answer: d

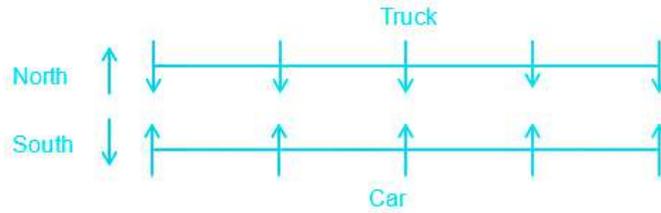
**Explanation:**

Vehicles - Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane

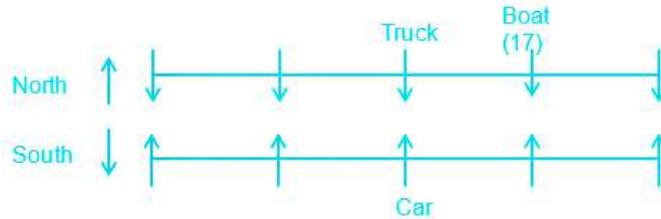
Speed - 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575

All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

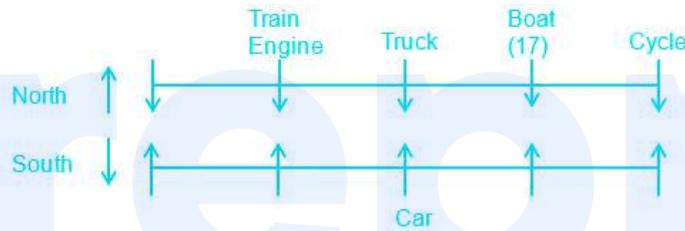
1. The car is sitting third to the extreme end and facing North. Truck faces car.



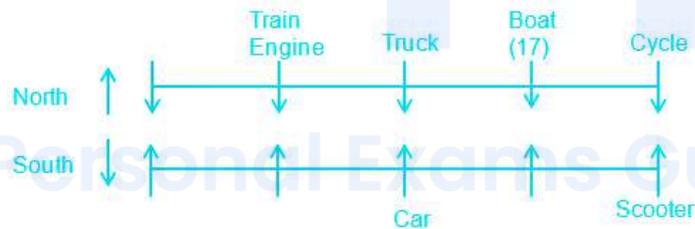
2. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr.



3. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other.

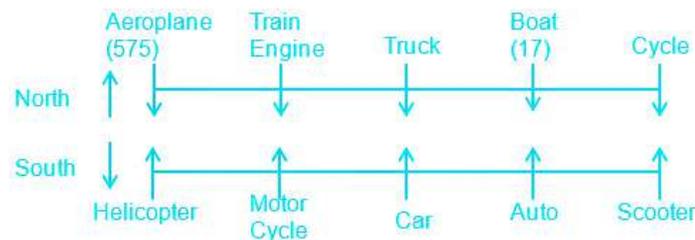


4. The one who faces Train sits third to the Scooter who has a speed of multiple of 5.

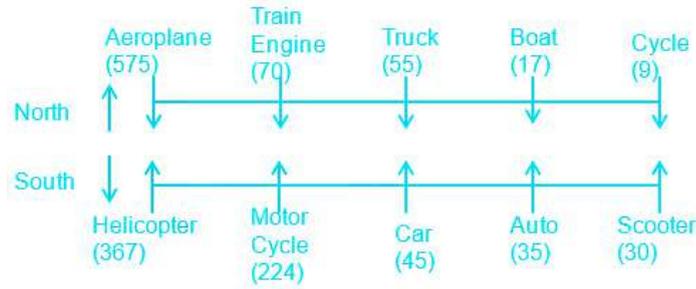


5. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Aeroplane is sitting at the extreme end and has the highest speed.

6. Motorcycle is not at the extreme end.



7. The one who has speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train Engine. Truck has speed 55 km/hr.



Hence, Cycle is placed at the immediate left of boat.

150. Answer: b

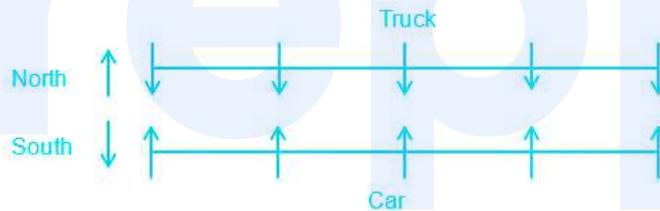
Explanation:

Vehicles - Cycle, Scooter, Car, Auto, Train, Boat, Truck, Helicopter, Motorcycle and Aeroplane

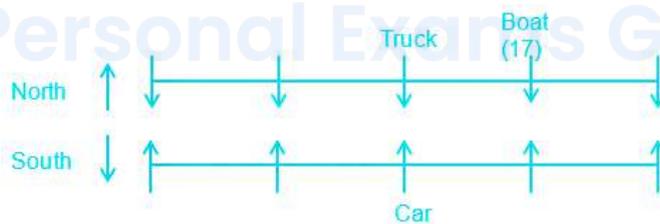
Speed - 9, 17, 30, 35, 45, 55, 70, 224, 367 and 575

All the vehicles are placed from east to west in the increasing order of their speeds. (in km/hr)

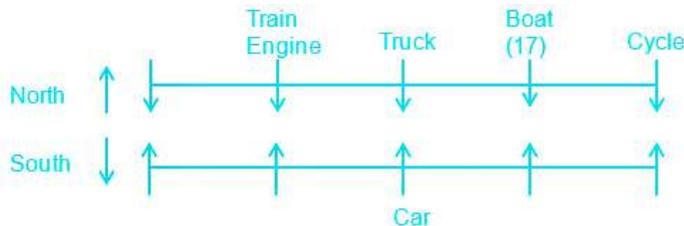
1. The car is sitting third to the extreme end and facing North. Truck faces car.



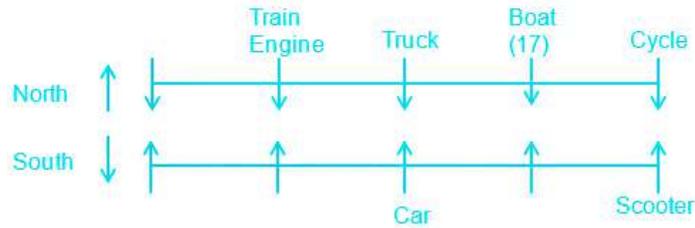
2. The vehicle car is facing immediate neighbour of boat whose speed is 17 km/hr.



3. Only one vehicle comes in between Train and Boat whose (boat and train) speeds are neither 55 nor 35 km/hr. Cycle and boat are immediate neighbours of each other.

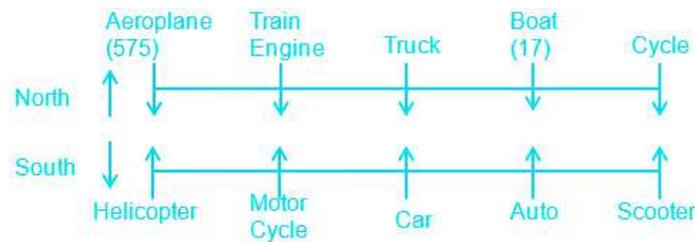


4. The one who faces Train sits third to the Scooter who has a speed of multiple of 5.

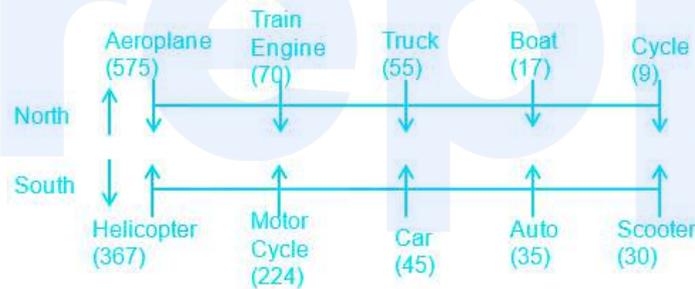


5. Motorcycle and Helicopter are immediate neighbours of each other and one of them has even number speed and the other has odd number speed. Aeroplane is sitting at the extreme end and has the highest speed.]

6. Motorcycle is not at the extreme end.



7. The ones who have speed of 35 and 45 km/hr are immediate neighbours of each other. Motorcycle has more speed than Train Engine. Truck has speed 55 km/hr.

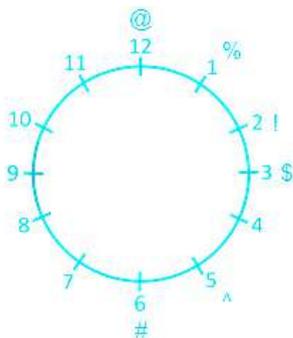


Hence, the sum of speeds of car and cycle is 54km/hr.

151. Answer: d

Explanation:

Based on information given in the passage:



Symbol	!	@	#	\$	%	^
Code	2	12	6	3	1	5

Reaction A starts at %% means at 1:05 pm.

After 2 hours and 20 minutes the time will be 3: 25 pm.

Hence, reaction A will complete at ^\$.

152. Answer: d

**Explanation:**

Based on information given in the passage:

Symbols	!	@	#	\$	%	^
Code	2	12	6	3	1	5

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The car starts at @% means either 12:05 pm or 1:00 pm

The Time is taken by the car to travel 180 km at the speed of 60 km/hr =  $180/60$  hrs = 3 hrs.

So, the car will take 3 hours

Time at which the car will reach town B = 12: 05 PM + 3 hrs = 3:05 pm, or

1:00 pm+ 3hrs = 4:00 pm.

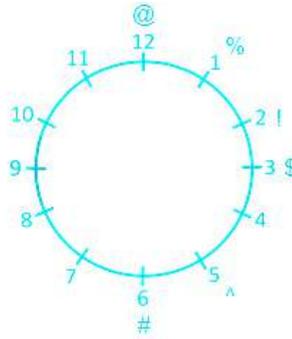
If the car reaches the town Y before 3:30 pm The car is expected to reach town B at 3:05 pm

Hence, the car will reach town Y at 3:05 PM means %\$.

153. Answer: e

**Explanation:**

Based on the information given in the passage:



Symbol	!	@	#	\$	%	^
Code	2	12	6	3	1	5

one drop of water falls every 5 minutes.

!^ means 2:25 pm or 5:10 pm.

\$\$ means 3:15.

As we have to consider starting at !^ and between !^ and \$\$, then !^ would mean 2:25 pm because if it ends at 3:15 pm, it cannot start at 5:10 pm.

Hence, the time will be between 2:25 pm and 3:15 pm = 50 minutes

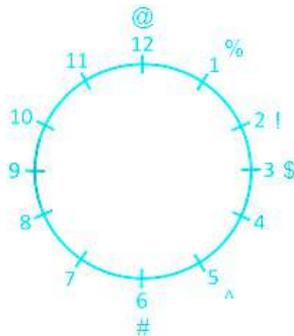
In 50 minutes, the number of times drops falls will be  $\rightarrow 50 \div 5 = 10$ .

Hence, the drop will fall 10 times.

**154. Answer: a**

**Explanation:**

Based on the information given in the passage:



Symbol	!	@	#	\$	%	^
Code	2	12	6	3	1	5

Train A is ## hours late means 6:30 hours late,

Train B is running %% hours late means 1:05 hours late.

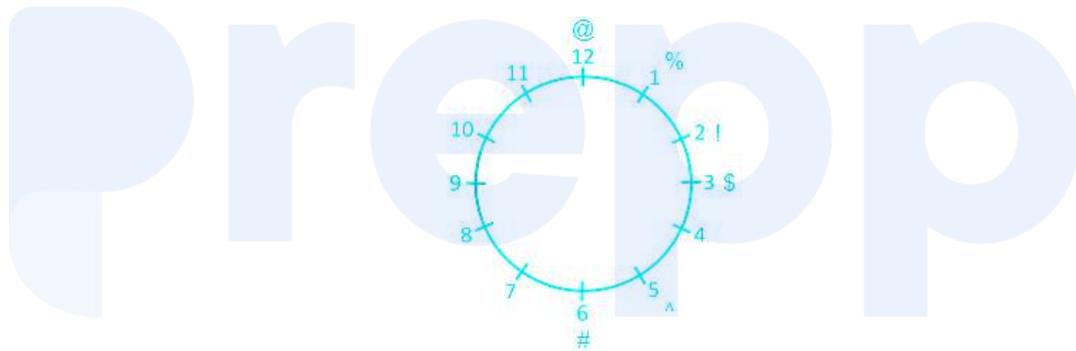
Difference in the time of arrival of both the trains: 6:30 – 1:05 = 5:25 → ^^

Hence, the difference in the time of arrival will be ^^.

155. Answer: a

Explanation:

Based on information given in the passage:



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Symbol	!	@	#	\$	%	^
Code	2	12	6	3	1	5

Shreena starts washing machine at @@ means 12:00 pm

Washing machine auto stops after completing the first lot at @ and stops finally after completing all the cycles of washing and break at @ which gives: 12:15 pm and 3:00 pm as the two options.

First lot 12:15 pm and last cycle 3:00 pm – feasible

First lot 3:00 pm and last lot 12:15 pm – not feasible

Time Taken by washing machine for one lot = 12:15 PM – 12:00 pm = 15 minutes

Total time for the washing: 12:00 pm to 3:00pm = 3 hrs or 180 minutes

Total time for one cycle: time taken for one lot + break = 30 minutes

Total number of cycles: 180 minutes / 30 minutes = 6 cycles

Hence, the answer is 6 cycles.

**156. Answer: b**

**Explanation:**

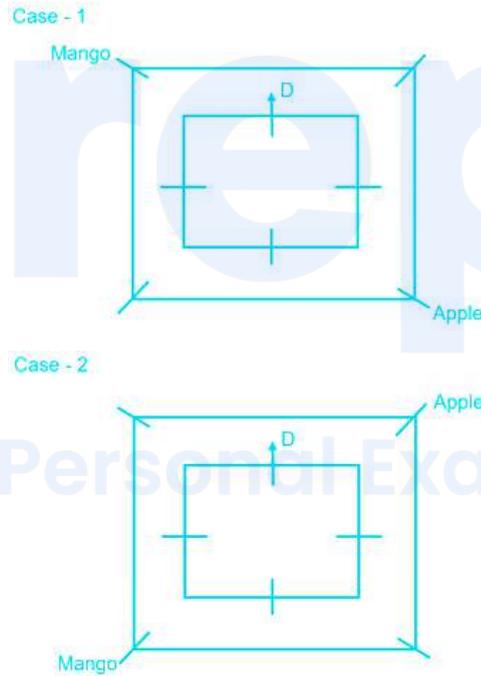
8 persons: A, B, C, D, E, F, G and H

Flowers: Lily, Daisy, Poppy and Jasmine

Fruits: Banana, Apple, Orange and Mango

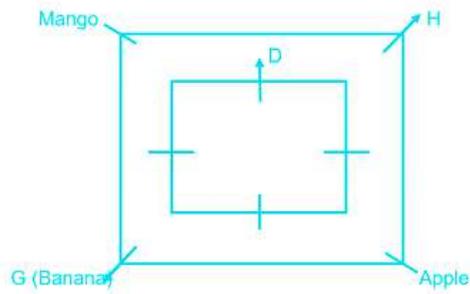
According to given information:

1. D is facing towards outer table in North direction but does not like Jasmine.
2. The one who likes Mango is on the left corner of D.
3. The one who likes Apple is on the opposite corner of the table from the one who like Mango.

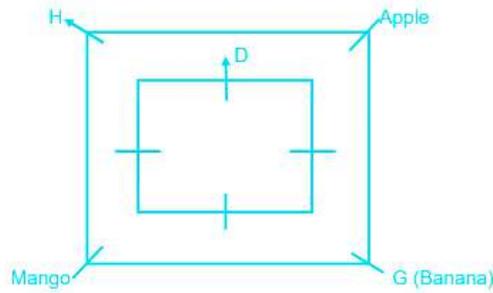


4. H who does not like mango is on front of D but facing away from center.
5. G like Banana and facing away from the center of the table.
6. G is behind the one who is opposite of D and G and H are not in a line.

Case - 1



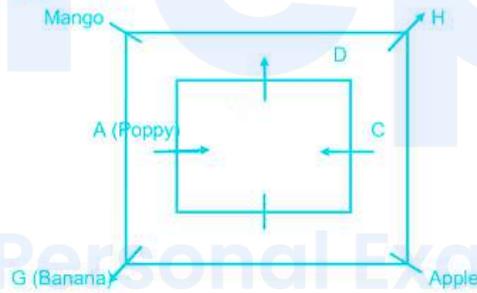
Case - 2



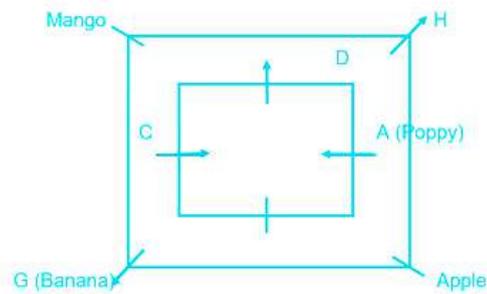
7. A likes Poppy and facing towards center of the table.

8. A and C are opposite of each other on the same table facing towards center.

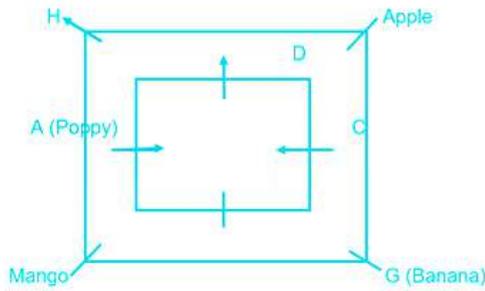
Case - 1 (a)



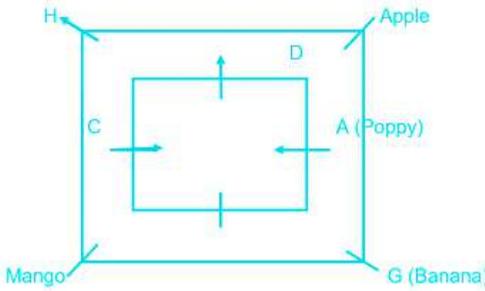
Case - 1 (b)



Case – 2 (a)

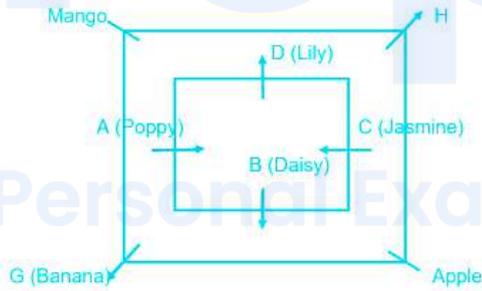


Case – 2 (b)

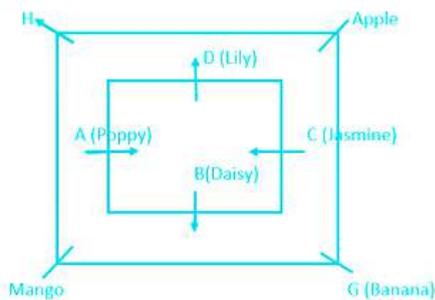


- 9. The one who like Jasmine is left of Daisy.
- 10. B does not like Lily and not opposite of the one who likes Jasmine. (eliminate case 1(b) and 2(b)).
- 11. The one who likes Daisy is facing away from the center.

Case – 1 (a)

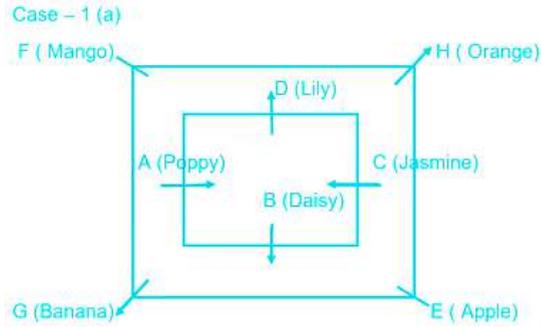


Case – 2 (a)



- 12. E is on the corner left of B and left of C. (eliminates the case 2(a)).

The final diagram is as:



Hence, D likes Lily Flower.

157. Answer: b

Explanation:

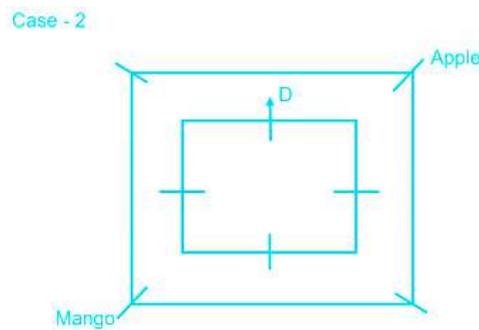
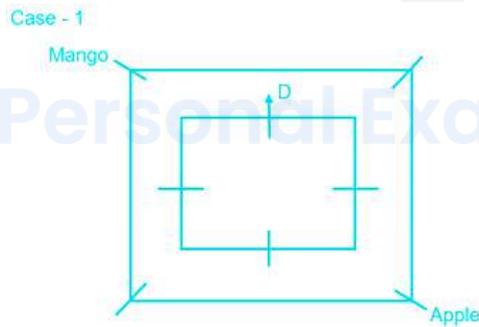
8 persons: A, B, C, D, E, F, G and H

Flowers: Lily, Daisy, Poppy and Jasmine

Fruits: Banana, Apple, Orange and Mango

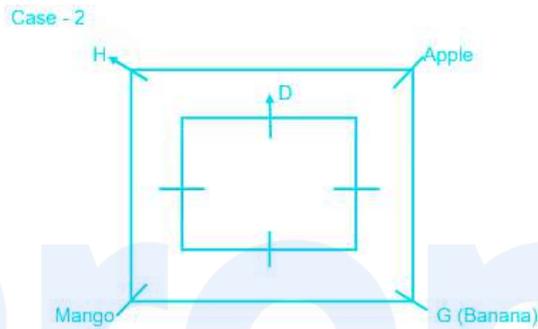
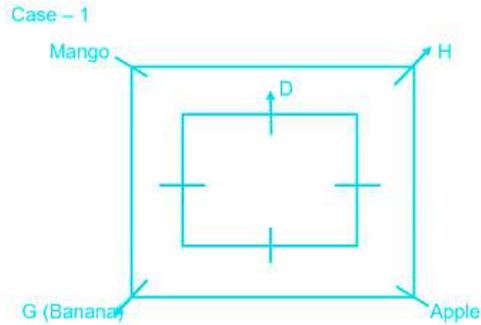
According to given information:

1. D is facing towards outer table in North direction but does not like Jasmine.
2. The one who likes Mango is on the left corner of D.
3. The one who likes Apple is on the opposite corner of the table from the one who like Mango.

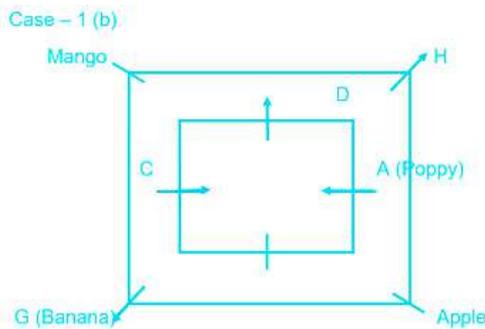
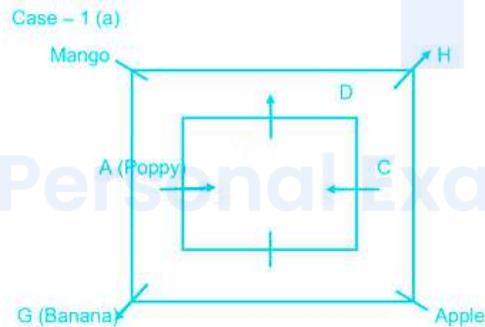


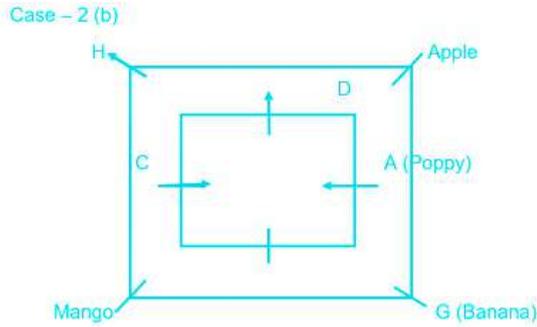
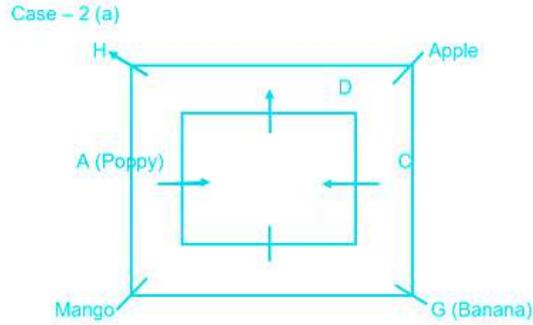
4. H who does not like mango is on front of D but facing away from center.

- 5. G like Banana and facing away from the center of the table.
- 6. G is behind the one who is opposite of D and G and H are not in a line.

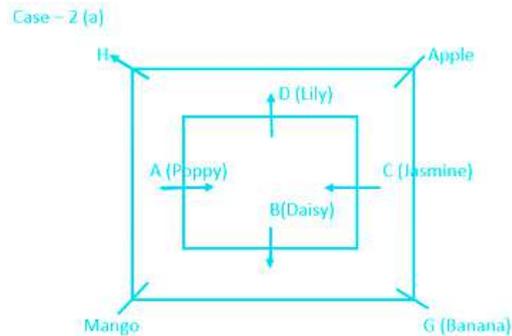
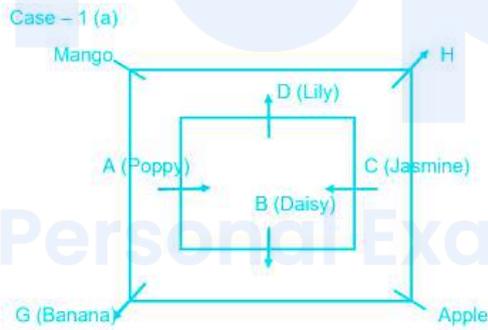


- 7. A likes Poppy and facing towards center of the table.
- 8. A and C are opposite of each other on the same table facing towards center.



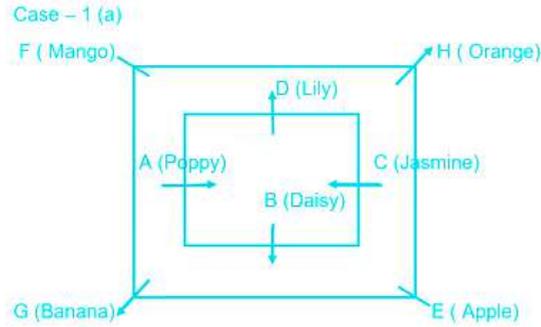


- 9. The one who like Jasmine is left of Daisy.
- 10. B does not like Lily and not opposite of the one who likes Jasmine. (eliminate case 1(b) and 2(b)).
- 11. The one who likes Daisy is facing away from the center.



- 12. E is on the corner left of B and left of C. (eliminates the case 2(a)).

The final diagram is as:



Hence, H likes Orange and he is facing away from table center.

158. Answer: a

Explanation:

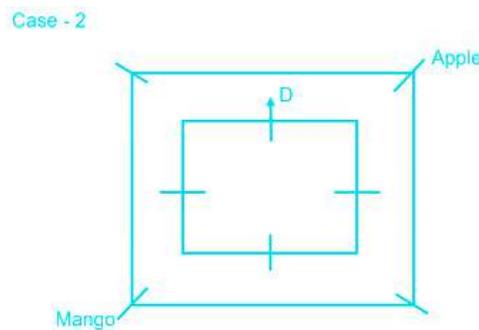
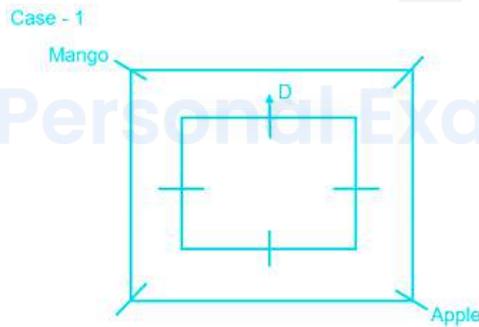
8 persons: A, B, C, D, E, F, G and H

Flowers: Lily, Daisy, Poppy and Jasmine

Fruits: Banana, Apple, Orange and Mango

According to given information:

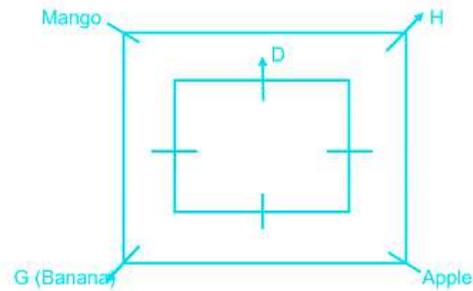
1. D is facing towards outer table in North direction but does not like Jasmine.
2. The one who likes Mango is on the left corner of D.
3. The one who likes Apple is on the opposite corner of the table from the one who like Mango.



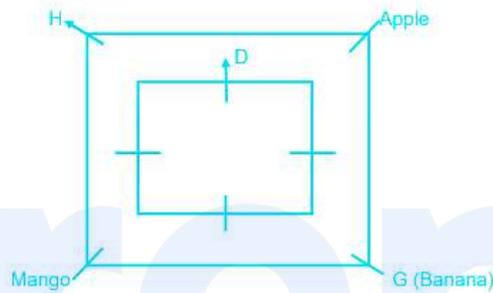
4. H who does not like mango is on front of D but facing away from center.

- 5. G like Banana and facing away from the center of the table.
- 6. G is behind the one who is opposite of D and G and H are not in a line.

Case - 1

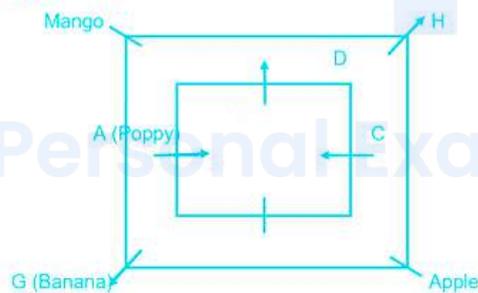


Case - 2

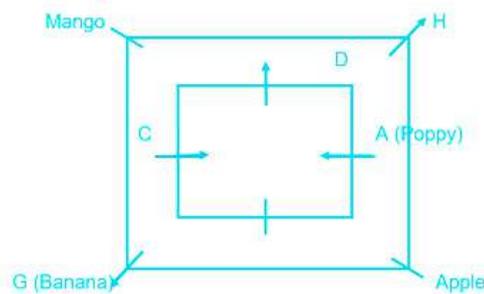


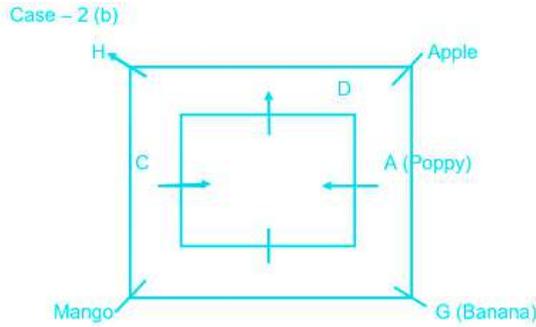
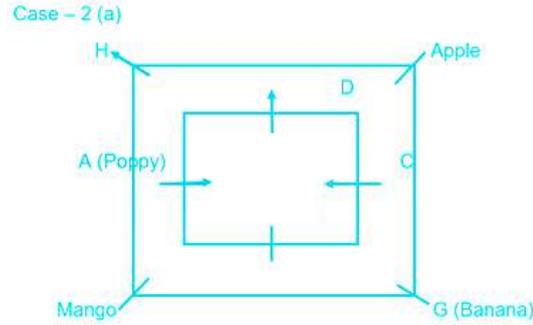
- 7. A likes Poppy and facing towards center of the table.
- 8. A and C are opposite of each other on the same table facing towards center.

Case - 1 (a)

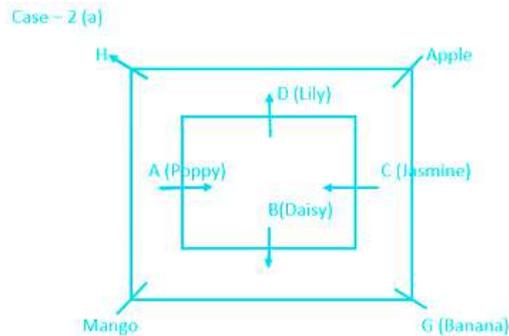
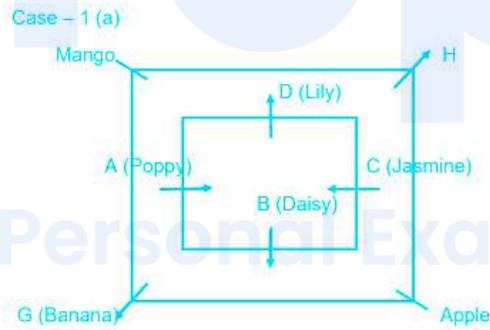


Case - 1 (b)



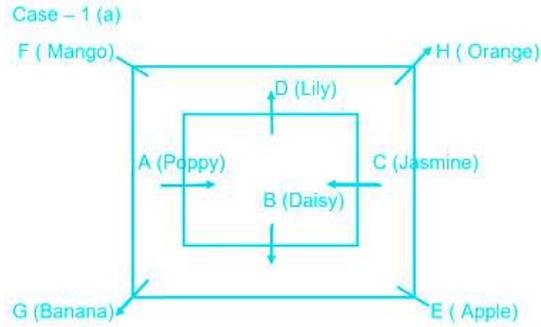


- 9. The one who like Jasmine is left of Daisy.
- 10. B does not like Lily and not opposite of the one who likes Jasmine. (eliminate case 1(b) and 2(b)).
- 11. The one who likes Daisy is facing away from the center.



- 12. E is on the corner left of B and left of C. (eliminates the case 2(a)).

The final diagram is as:



Hence, the person who like Jasmine is facing toward table center.

159. Answer: a

Explanation:

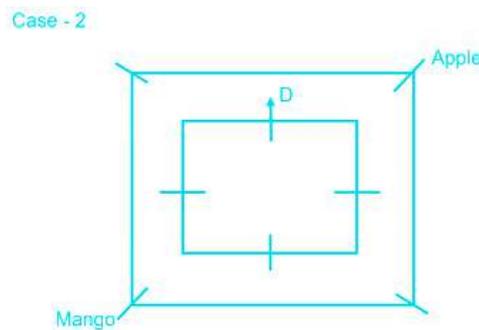
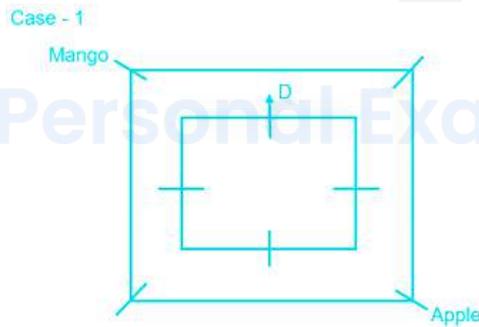
8 persons: A, B, C, D, E, F, G and H

Flowers: Lily, Daisy, Poppy and Jasmine

Fruits: Banana, Apple, Orange and Mango

According to given information:

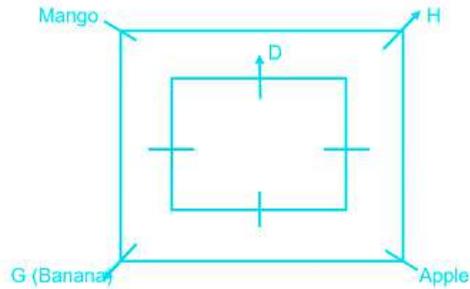
1. D is facing towards outer table in North direction but does not like Jasmine.
2. The one who likes Mango is on the left corner of D.
3. The one who likes Apple is on the opposite corner of the table from the one who like Mango.



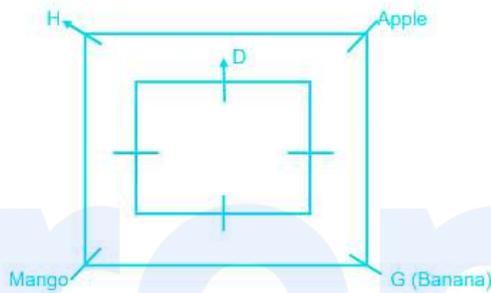
4. H who does not like mangois on front of D but facing away from center.

- 5. G like Banana and facing away from the center of the table.
- 6. G is behind the one who is opposite of D and G and H are not in a line.

Case - 1

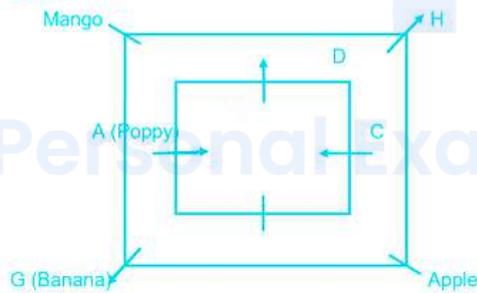


Case - 2

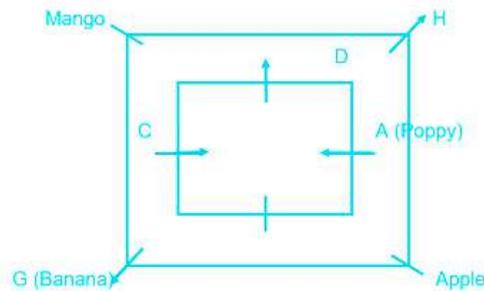


- 7. A likes Poppy and facing towards center of the table.
- 8. A and C are opposite of each other on the same table facing towards center.

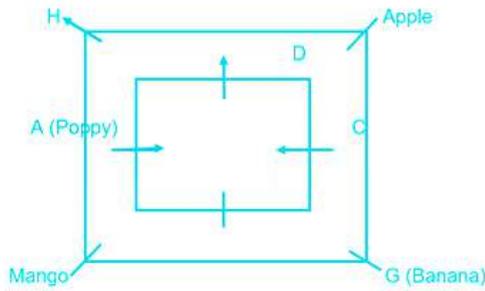
Case - 1 (a)



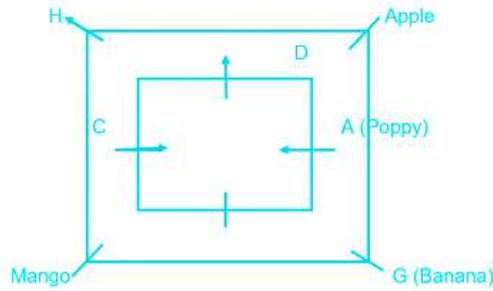
Case - 1 (b)



Case – 2 (a)

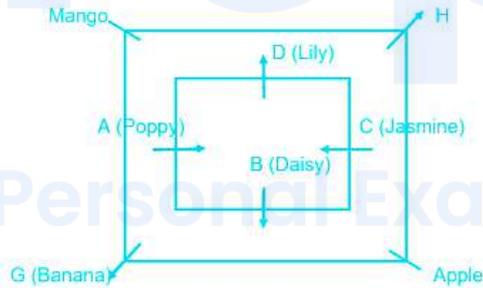


Case – 2 (b)

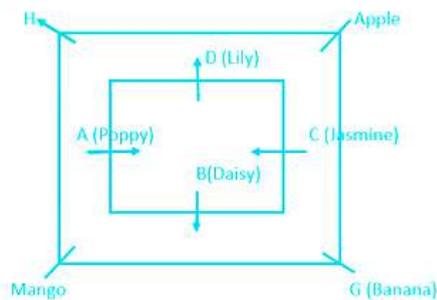


- 9. The one who like Jasmine is left of Daisy.
- 10. B does not like Lily and not opposite of the one who likes Jasmine. (eliminate case 1(b) and 2(b)).
- 11. The one who likes Daisy is facing away from the center.

Case – 1 (a)

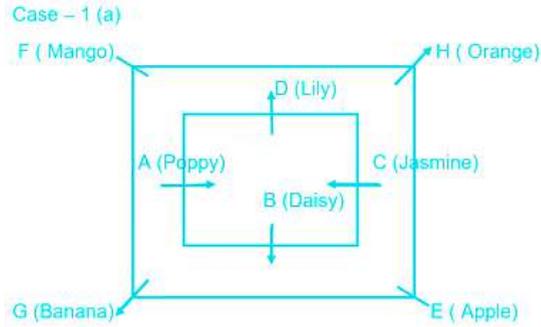


Case – 2 (a)



- 12. E is on the corner left of B and left of C. (eliminates the case 2(a)).

The final diagram is as:



Hence, F and E are the person whose facing side is unknown.

160. Answer: c

Explanation:

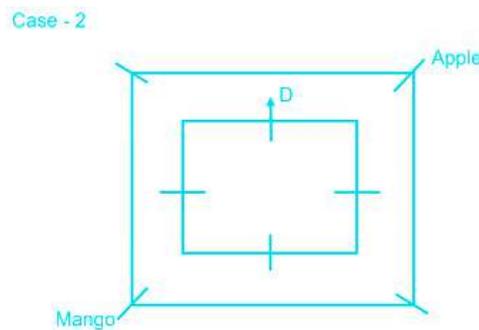
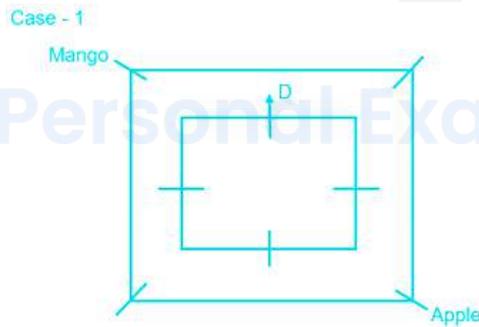
8 persons: A, B, C, D, E, F, G and H

Flowers: Lily, Daisy, Poppy and Jasmine

Fruits: Banana, Apple, Orange and Mango

According to given information:

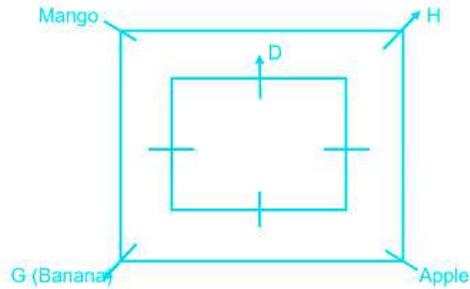
1. D is facing towards outer table in North direction but does not like Jasmine.
2. The one who likes Mango is on the left corner of D.
3. The one who likes Apple is on the opposite corner of the table from the one who like Mango.



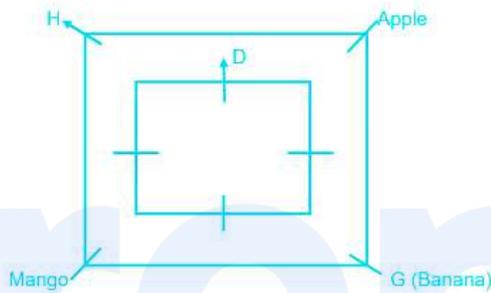
4. H who does not like mangois on front of D but facing away from center.

- 5. G like Banana and facing away from the center of the table.
- 6. G is behind the one who is opposite of D and G and H are not in a line.

Case - 1

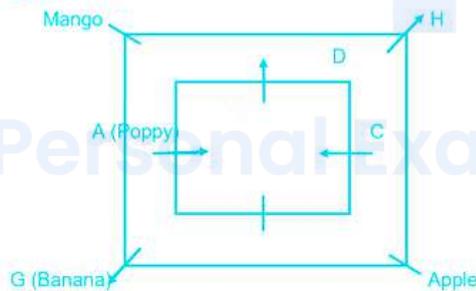


Case - 2

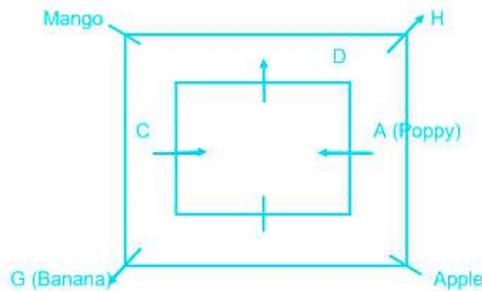


- 7. A likes Poppy and facing towards center of the table.
- 8. A and C are opposite of each other on the same table facing towards center.

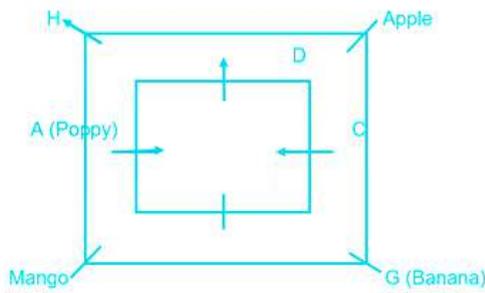
Case - 1 (a)



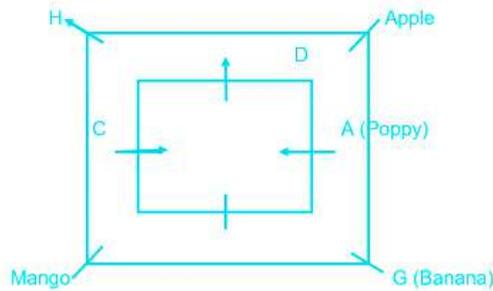
Case - 1 (b)



Case – 2 (a)

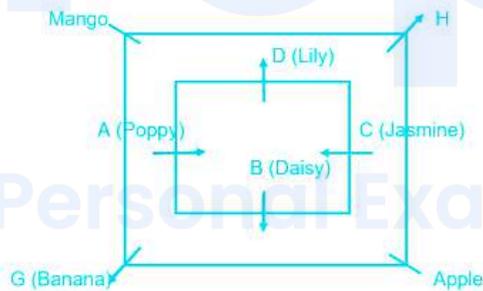


Case – 2 (b)

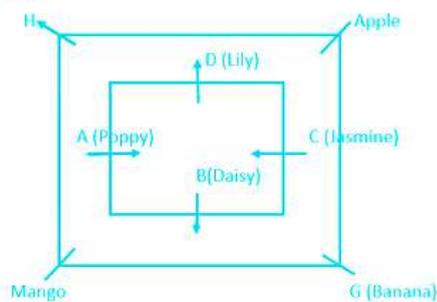


- 9. The one who like Jasmine is left of Daisy.
- 10. B does not like Lily and not opposite of the one who likes Jasmine. (eliminate case 1(b) and 2(b)).
- 11. The one who likes Daisy is facing away from the center.

Case – 1 (a)

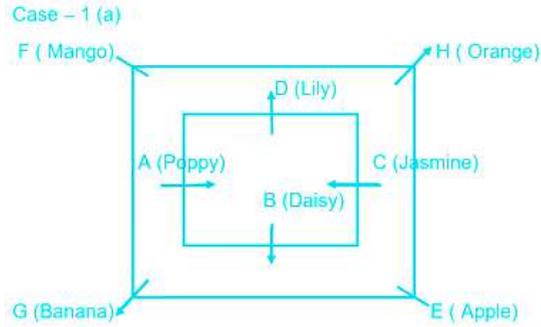


Case – 2 (a)



- 12. E is on the corner left of B and left of C. (eliminates the case 2(a)).

The final diagram is as:



Hence, the person likes Orange who is right of Lily and right of Jasmine.

161. Answer: d

**Explanation:**

According to given information:

B	C	D	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	X	Y	Z
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7

Conditions:

Part 1:

First letter	Last letter	Both coded as
Vowel	Consonant	□
Consonant	Vowel	\$
Vowel	Vowel	*
consonant	consonant	*

Part 2:

Letter comes between 1 <sup>st</sup> letter and last letter	Previous consonant before the Vowel Comes	Vowel Coded as	Consonant Coded as
Vowel	Before M in alphabet	%	#
Vowel	After M in alphabet	@	?

Word Coded Given in question,

- A. SCAM → \*#%\* = \*#%\*
- B. PLANT → \*#%4\* = \*#%4\*
- C. ENEMY → %#@3% ≠ \*?@23\*
- D. CRANE → ?@4 = ?@4

Hence, A, B and D are True.

162. Answer: b

Explanation:

According to given information:

B	C	D	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	X	Y	Z
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7

Conditions:

Part I:

First letter	Last letter	Both coded as
Vowel	Consonant	□
Consonant	Vowel	\$
Vowel	Vowel	*
consonant	consonant	*

Part 2:

Letter comes between 1 <sup>st</sup> letter and last letter	Previous consonant before the Vowel Comes	Vowel Coded as	Consonant Coded as
Vowel	Before M in alphabet	%	#
Vowel	After M in alphabet	@	?

Word Coded Given in question,

A. TREND → \*?@4\* ≠ \*?@4□

B. PLANE → \$#%4\$ = \$#%4\$

C. TRIM → \*?@\* = \*?@\*

D. APPLE → \*552\* ≠ \*@62\*

Hence, B and C are True.

163. Answer: c

Explanation:

According to given information:

B	C	D	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	X	Y	Z
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7

Conditions:

Part 1:

First letter	Last letter	Both coded as
Vowel	Consonant	□
Consonant	Vowel	⌘
Vowel	Vowel	*
consonant	consonant	*

Part 2:

Letter comes between 1 <sup>st</sup> letter and last letter	Previous consonant before the Vowel Comes	Vowel Coded as	Consonant Coded as
Vowel	Before M in alphabet	%	#
Vowel	After M in alphabet	@	?

Word Coded Given in question,

A. ITEM → ⌘?@⌘ = ⌘?@⌘

B. SYMBOL → \*63#%\* ≠ \*56#%\*

C. BRUSH → \*?@1\* ≠ \*?@6\*

D. ETHER → ⌘2#%⌘ = ⌘2#%⌘

Hence, A and D are true.

164. Answer: e

Explanation:

According to given information:

B	C	D	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	X	Y	Z
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7

Conditions:

Part 1:

First letter	Last letter	Both coded as
Vowel	Consonant	□
Consonant	Vowel	⌘
Vowel	Vowel	*
consonant	consonant	*

Part 2:

Letter comes between 1 <sup>st</sup> letter and last letter	Previous consonant before the Vowel Comes	Vowel Coded as	Consonant Coded as
Vowel	Before M in alphabet	%	#
Vowel	After M in alphabet	@	?

Word Coded Given in question,

- A. WRIST → \* ?@ 1\* ≠ \*?@9\*
- B. FROST → \*?@1\* ≠ \*?@9⊠
- C. TRUTH → \*?@2\* ≠ \*?@1\*
- D. BRICK → \*?@2\*≠ \*?@3\*

Hence, none of these is true.

165. Answer: e

**Explanation:**

According to given information:

B	C	D	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	X	Y	Z
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7

Conditions:

Part 1:

First letter	Last letter	Both coded as
Vowel	Consonant	□
Consonant	Vowel	\$
Vowel	Vowel	*
consonant	consonant	*

Part 2:

Letter comes between 1 <sup>st</sup> letter and last letter	Previous consonant before the Vowel Comes	Vowel Coded as	Consonant Coded as
Vowel	Before M in alphabet	%	#
Vowel	After M in alphabet	@	?

Word Coded Given in question,

- A. TRICK → \*?@2\* = \*?@2\*
- B. DRUM → \*?@\* = \*?@\*
- C. SHIRT → \*#%7\* = \*#%7\*
- D. ORANGE → \*?@45\* = \*?@45\*

Hence, All are True.

166. Answer: b

**Explanation:**

9 persons: P, Q, R, S, T, U, V, W and X

Month: March, April and May

Dates: 9, 14, 23

According to the given information:

1. S had exam on even date and in even month. (means 14 April).
2. U had exam on date such that it is the square of earlier month number (means 9 April).
3. Q had exam on even number month (means April).

Case - 1

Month	Date	Person	Score
March	9		
	14		
	23		
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23		

4. P had exam on 23.

5. R had exam on 14 and had scored equal to the square of its month number (means 14 March as it had month number 3 and its square is 9 and it is also present in given scores.)

6. T had exam on prime date and in prime number month.

Case - 1

Month	Date	Person	Score
March	9		
	14	R	9
	23	P	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	T	

Case - 2

Month	Date	Person	Score
March	9		
	14	R	9
	23	T	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

7. T had scored two times that of W but not in same month.

8. Neither X and nor W had exam in March. (from 7 and 8 Case - 1 eliminated)

Case - 2

Month	Date	Person	Score
March	9		
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

9. V's exam was not in May.

10. W had scored 6 marks less than the date of exam. (this indicates that W had exam on 14 May).

Case – 2

Month	Date	Person	Score
March	9	V	
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14	W	8
	23	P	

11. The one who had exam in march had a score of 8.

12. The one who had exam on even number date scored 21.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	
	14	S	21
	23	Q	
May	9		
	14	W	8
	23	P	

13. The one who had exam earlier than Q had scored 5 marks more than its month number.

14. X had scored same as sum of T's score and its month number.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	
May	9	X	21
	14	W	8
	23	P	

15. The one who had exam on 23 had a prime score.

16. The one who had exam after W had scored 2 times that of W.

The final table is as:

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	19
May	9	X	21
	14	W	8
	23	P	16

Hence, X has exam on 9<sup>th</sup> May.

## Your Personal Exams Guide

167. Answer: d

**Explanation:**

9 persons: P, Q, R, S, T, U, V, W and X

Month: March, April and May

Dates: 9, 14, 23

According to the given information:

1. S had exam on even date and in even month. (means 14 April).
2. U had exam on date such that it is the square of earlier month number (means 9 April).
3. Q had exam on even number month (means April).

Case - 1

Month	Date	Person	Score
March	9		
	14		
	23		
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23		

4. P had exam on 23.

5. R had exam on 14 and had scored equal to the square of its month number (means 14 March as it had month number 3 and its square is 9 and it is also present in given scores.)

6. T had exam on prime date and in prime number month.

Case - 1

Month	Date	Person	Score
March	9		
	14	R	9
	23	P	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	T	

Case - 2

# Your Personal Exams Guide

Month	Date	Person	Score
March	9		
	14	R	9
	23	T	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

7. T had scored two times that of W but not in same month.

8. Neither X and nor W had exam in March. (from 7 and 8 Case - 1 eliminated)

Case - 2

Month	Date	Person	Score
March	9		
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

9. V's exam was not in May.

10. W had scored 6 marks less than the date of exam. (this indicates that W had exam on 14 May).

Case – 2

Month	Date	Person	Score
March	9	V	
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14	W	8
	23	P	

11. The one who had exam in march had a score of 8.

12. The one who had exam on even number date scored 21.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	
	14	S	21
	23	Q	
May	9		
	14	W	8
	23	P	

13. The one who had exam earlier than Q had scored 5 marks more than its month number.

14. X had scored same as sum of T's score and its month number.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	
May	9	X	21
	14	W	8
	23	P	

15. The one who had exam on 23 had a prime score.

16. The one who had exam after W had scored 2 times that of W.

The final table is as:

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	19
May	9	X	21
	14	W	8
	23	P	16

Hence, the score of person S in the exam is 21.

## Your Personal Exams Guide

168. Answer: c

**Explanation:**

9 persons: P, Q, R, S, T, U, V, W and X

Month: March, April and May

Dates: 9, 14, 23

According to the given information:

1. S had exam on even date and in even month. (means 14 April).
2. U had exam on date such that it is the square of earlier month number (means 9 April).
3. Q had exam on even number month (means April).

Case - 1

Month	Date	Person	Score
March	9		
	14		
	23		
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23		

4. P had exam on 23.

5. R had exam on 14 and had scored equal to the square of its month number (means 14 March as it had month number 3 and its square is 9 and it is also present in given scores.)

6. T had exam on prime date and in prime number month.

Case - 1

Month	Date	Person	Score
March	9		
	14	R	9
	23	P	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	T	

Prepp

Case - 2

## Your Personal Exams Guide

Month	Date	Person	Score
March	9		
	14	R	9
	23	T	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

7. T had scored two times that of W but not in same month.

8. Neither X and nor W had exam in March. (from 7 and 8 Case - 1 eliminated)

Case - 2

Month	Date	Person	Score
March	9		
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

9. V's exam was not in May.

10. W had scored 6 marks less than the date of exam. (this indicates that W had exam on 14 May).

Case – 2

Month	Date	Person	Score
March	9	V	
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14	W	8
	23	P	

11. The one who had exam in march had a score of 8.

12. The one who had exam on even number date scored 21.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	
	14	S	21
	23	Q	
May	9		
	14	W	8
	23	P	

13. The one who had exam earlier than Q had scored 5 marks more than its month number.

14. X had scored same as sum of T's score and its month number.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	
May	9	X	21
	14	W	8
	23	P	

15. The one who had exam on 23 had a prime score.

16. The one who had exam after W had scored 2 times that of W.

The final table is as:

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	19
May	9	X	21
	14	W	8
	23	P	16

Hence, V, U, X have exam on date 9.

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169. Answer: d

**Explanation:**

9 persons: P, Q, R, S, T, U, V, W and X

Month: March, April and May

Dates: 9, 14, 23

According to the given information:

1. S had exam on even date and in even month. (means 14 April).
2. U had exam on date such that it is the square of earlier month number (means 9 April).
3. Q had exam on even number month (means April).

Case - 1

Month	Date	Person	Score
March	9		
	14		
	23		
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23		

4. P had exam on 23.

5. R had exam on 14 and had scored equal to the square of its month number (means 14 March as it had month number 3 and its square is 9 and it is also present in given scores.)

6. T had exam on prime date and in prime number month.

Case - 1

Month	Date	Person	Score
March	9		
	14	R	9
	23	P	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	T	

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Case - 2

## Your Personal Exams Guide

Month	Date	Person	Score
March	9		
	14	R	9
	23	T	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

7. T had scored two times that of W but not in same month.

8. Neither X and nor W had exam in March. (from 7 and 8 Case - 1 eliminated)

Case - 2

Month	Date	Person	Score
March	9		
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

9. V's exam was not in May.

10. W had scored 6 marks less than the date of exam. (this indicates that W had exam on 14 May).

Case – 2

Month	Date	Person	Score
March	9	V	
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14	W	8
	23	P	

11. The one who had exam in march had a score of 8.

12. The one who had exam on even number date scored 21.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	
	14	S	21
	23	Q	
May	9		
	14	W	8
	23	P	

13. The one who had exam earlier than Q had scored 5 marks more than its month number.

14. X had scored same as sum of T's score and its month number.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	
May	9	X	21
	14	W	8
	23	P	

15. The one who had exam on 23 had a prime score.

16. The one who had exam after W had scored 2 times that of W.

The final table is as:

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	19
May	9	X	21
	14	W	8
	23	P	16

Hence, W has the exam on the 14 and have a score of 8.

## Your Personal Exams Guide

170. **Answer: b**

**Explanation:**

9 persons: P, Q, R, S, T, U, V, W and X

Month: March, April and May

Dates: 9, 14, 23

According to the given information:

1. S had exam on even date and in even month. (means 14 April).
2. U had exam on date such that it is the square of earlier month number (means 9 April).
3. Q had exam on even number month (means April).

Case - 1

Month	Date	Person	Score
March	9		
	14		
	23		
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23		

4. P had exam on 23.

5. R had exam on 14 and had scored equal to the square of its month number (means 14 March as it had month number 3 and its square is 9 and it is also present in given scores.)

6. T had exam on prime date and in prime number month.

Case - 1

Month	Date	Person	Score
March	9		
	14	R	9
	23	P	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	T	

Case - 2

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Month	Date	Person	Score
March	9		
	14	R	9
	23	T	
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

7. T had scored two times that of W but not in same month.

8. Neither X and nor W had exam in March. (from 7 and 8 Case - 1 eliminated)

Case - 2

Month	Date	Person	Score
March	9		
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14		
	23	P	

9. V's exam was not in May.

10. W had scored 6 marks less than the date of exam. (this indicates that W had exam on 14 May).

Case – 2

Month	Date	Person	Score
March	9	V	
	14	R	9
	23	T	16
April	9	U	
	14	S	
	23	Q	
May	9		
	14	W	8
	23	P	

11. The one who had exam in march had a score of 8.

12. The one who had exam on even number date scored 21.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	
	14	S	21
	23	Q	
May	9		
	14	W	8
	23	P	

13. The one who had exam earlier than Q had scored 5 marks more than its month number.

14. X had scored same as sum of T's score and its month number.

Case – 2

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	
May	9	X	21
	14	W	8
	23	P	

15. The one who had exam on 23 had a prime score.

16. The one who had exam after W had scored 2 times that of W.

The final table is as:

Month	Date	Person	Score
March	9	V	8
	14	R	9
	23	T	16
April	9	U	9
	14	S	21
	23	Q	19
May	9	X	21
	14	W	8
	23	P	16

Hence, T and P has Exams in March and May respectively.

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171. Answer: c

**Explanation:**

Let us first decode the given symbols and then draw a family tree.

N is				
Symbol	#	@	%	*
Meaning	Father	Mother	Sister	Brother
of M				

Symbol in Diagram	Meaning
○	Female
□	Male
══	Married Couple
—	Siblings
	Difference of A Generation

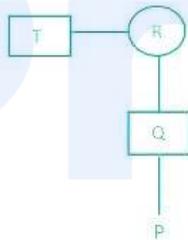
Let us check each of the options;

1)  $P \# Q @ R * T$

Here, this expression means,

Q is the father of P. R is the mother of Q. T is the brother of R.

The diagram will be as follows



Therefore, in this option T is granduncle of P.

2)  $P * Q \# R \% T$

Here, this expression means,

Q is the brother of P. R is the father of Q. T is the sister of R.

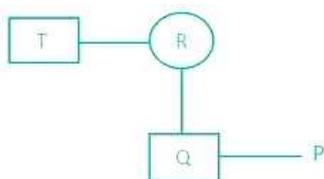
Here, T is female, hence not possible.

3)  $P * Q @ R * T$

Here, this expression means,

Q is the brother of P. R is the mother of Q. T is the brother of R.

The diagram will be as follows



Clearly, T is the uncle of P in this option.

4) P # Q % R % T

Here, this expression means,

Q is the father of P. R is the sister of Q. T is the sister of R.

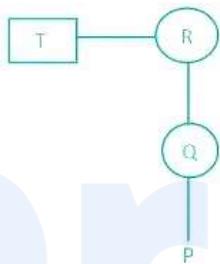
Here, T is female, hence not possible.

5) P @ Q @ R \* T

Here, this expression means,

Q is the mother of P. R is the mother of Q. T is the brother of R.

The diagram will be as follows



Therefore, T is granduncle in this option.

Hence, in option 3 this is indicated that T is the uncle of P

172. Answer: d

**Explanation:**

Let us first decode the given symbols and then draw a family tree.

N is				
Symbol	#	@	%	*
Meaning	Father	Mother	Sister	Brother
of M				

Symbol in Diagram	Meaning
○	Female
□	Male
══	Married Couple
—	Siblings
	Difference of A Generation

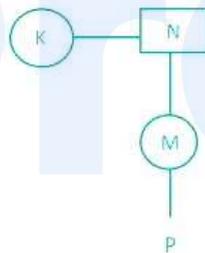
Let us check each of the options;

1) P @ M # N % K

Here, this expression means,

M is the mother of P. N is the father of M. K is the sister of N.

The diagram will be as follows



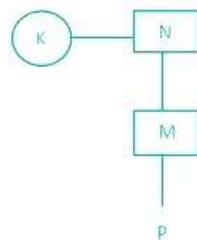
Therefore, in this option K is the grandmother of P.

2) P # M # N % K

Here, this expression means,

M is the father of P. N is the father of M. K is the sister of N.

The diagram will be as follows



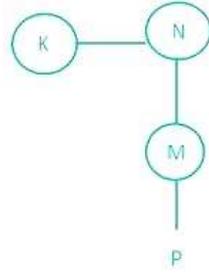
Therefore, in this option K is the granddaughter of P.

3) P @ M @ N % K

Here, this expression means,

M is the mother of P. N is the mother of M. K is the sister of N.

The diagram will be as follows



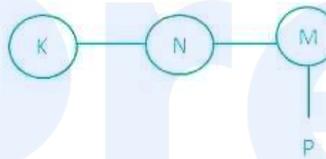
Therefore, in this option K is the granddaughter of P.

4) P @ M % N % K

Here, this expression means,

M is the mother of P. N is the sister of M. K is the sister of N.

The diagram will be as follows



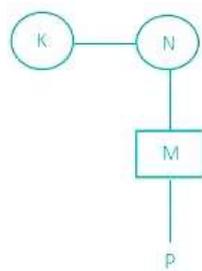
Therefore, in this option K is the aunt of P.

5) P # M @ N % K

Here, this expression means,

M is the father of P. N is the mother of M. K is the sister of N.

The diagram will be as follows



Therefore, in this option K is the granddaughter of P.

Hence, option 4 is the only one in which K is not the granddaughter of P.

173. Answer: d

Explanation:

Members: F, T, K, L and O.

Let us first decode the given symbols and then draw a family tree.

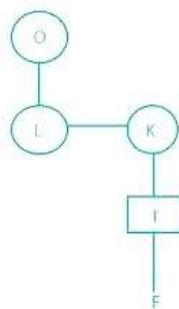
N is				
Symbol	#	@	%	*
Meaning	Father	Mother	Sister	Brother
of M				

Symbol in Diagram	Meaning
○	Female
□	Male
≡	Married Couple
—	Siblings
⊥	Difference of A Generation

Expression  $F \# T @ K \% L @ O$  means that,

T is the father of F. K is the mother of T. L is the sister of K. O is the mother of L.

The diagram will be as follows



Therefore, clearly, O is the great-grandmother of F.

174. Answer: b

Explanation:

**Compartments:** 1, 2, 3, 4, 5, 6 and 7.

**Books:** Black, Blue, Green, Orange, Pink, Yellow and Brown.

**Price:** 100, 120, 140, 160, 180, 200 and 210.

- 1) The book whose price is 210 is placed in the 4 numbered compartment.
- 2) Brown book is not placed in the lowermost compartment.
- 3) The Brown book is placed in an odd numbered compartment and below the book whose price is 210.
- 4) Two books are placed between the book whose price is 210 and the Yellow coloured book.

Compartments	Books (case 1)	Books (case 2)	Price
7	Yellow		
6			
5			
4			210
3	Brown	Brown	
2			
1		Yellow	

- 5) There are two books placed between the Brown book and the book whose price is 200.
- 6) Blue book is placed in an even numbered compartment and neither kept in the six numbered compartment nor priced 210.
- 7) One book is placed between the Pink coloured book and the Blue coloured book.

Compartments	Books (case 1)	Books (case 2)	Price
7	Yellow		
6			200
5			
4	Pink	Pink	210
3	Brown	Brown	
2	Blue	Blue	
1		Yellow	

8) The Green book is placed in an even numbered compartment but not immediately below the one which is having Yellow book. (Thus, the case 1 proved false).

Compartments	Books	Price
7		
6	Green	200
5		
4	Pink	210
3	Brown	
2	Blue	
1	Yellow	

- 9) Book whose price is 160 is placed in any compartment above Pink but not in the topmost compartment.
- 10) One book is placed between the books whose price is 160 and 100.
- 11) The Black book is not priced 160 or 100.

Compartments	Books	Price
7	Black	
6	Green	200
5		160
4	Pink	210
3	Brown	100
2	Blue	
1	Yellow	

- 12) The book which price is 180, is placed below the book whose price is 140 but not immediate below.
- 13) According to the price value, Blue coloured book is not the third highest among them.

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Compartments	Books	Price
7	Black	140
6	Green	200
5		160
4	Pink	210
3	Brown	100
2	Blue	
1	Yellow	180

Thus, final arrangement after filling the gaps is:

Compartments	Books	Price
7	Black	140
6	Green	200
5	Orange	160
4	Pink	210
3	Brown	100
2	Blue	120
1	Yellow	180

Hence, the Orange book is placed on 5 numbered compartment.

175. Answer: a

**Explanation:**

**Compartments:** 1, 2, 3, 4, 5, 6 and 7.

**Books:** Black, Blue, Green, Orange, Pink, Yellow and Brown.

**Price:** 100, 120, 140, 160, 180, 200 and 210.

- 1) The book whose price is 210 is placed in the 4 numbered compartment.
- 2) Brown book is not placed in the lowermost compartment.
- 3) The Brown book is placed in an odd numbered compartment and below the book whose price is 210.
- 4) Two books are placed between the book whose price is 210 and the Yellow coloured book.

Compartments	Books (case 1)	Books (case 2)	Price
7	Yellow		
6			
5			
4			210
3	Brown	Brown	
2			
1		Yellow	

- 5) There are two books placed between the Brown book and the book whose price is 200.
- 6) Blue book is placed in an even numbered compartment and neither kept in the six numbered compartment nor priced 210.
- 7) One book is placed between the Pink coloured book and the Blue coloured book.

Compartments	Books (case 1)	Books (case 2)	Price
7	Yellow		
6			200
5			
4	Pink	Pink	210
3	Brown	Brown	
2	Blue	Blue	
1		Yellow	

8) The Green book is placed in an even numbered compartment but not immediately below the one which is having Yellow book. (Thus, the case 1 proved false).

Compartments	Books	Price
7		
6	Green	200
5		
4	Pink	210
3	Brown	
2	Blue	
1	Yellow	

- 9) Book whose price is 160 is placed in any compartment above Pink but not in the topmost compartment.
- 10) One book is placed between the books whose price is 160 and 100.
- 11) The Black book is not priced 160 or 100.

Compartments	Books	Price
7	Black	
6	Green	200
5		160
4	Pink	210
3	Brown	100
2	Blue	
1	Yellow	

- 12) The book which price is 180, is placed below the book whose price is 140 but not immediate below.
- 13) According to the price value, Blue coloured book is not the third highest among them.

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Compartments	Books	Price
7	Black	140
6	Green	200
5		160
4	Pink	210
3	Brown	100
2	Blue	
1	Yellow	180

Thus, final arrangement after filling the gaps is:

Compartments	Books	Price
7	Black	140
6	Green	200
5	Orange	160
4	Pink	210
3	Brown	100
2	Blue	120
1	Yellow	180

Hence, the Yellow book is placed in the 1 number compartment whose price is 180.

176. Answer: d

**Explanation:**

**Compartments:** 1, 2, 3, 4, 5, 6 and 7.

**Books:** Black, Blue, Green, Orange, Pink, Yellow and Brown.

**Price:** 100, 120, 140, 160, 180, 200 and 210.

- 1) The book whose price is 210 is placed in the 4 numbered compartment.
- 2) Brown book is not placed in the lowermost compartment.
- 3) The Brown book is placed in an odd numbered compartment and below the book whose price is 210.
- 4) Two books are placed between the book whose price is 210 and the Yellow coloured book.

Compartments	Books (case 1)	Books (case 2)	Price
7	Yellow		
6			
5			
4			210
3	Brown	Brown	
2			
1		Yellow	

- 5) There are two books placed between the Brown book and the book whose price is 200.
- 6) Blue book is placed in an even numbered compartment and neither kept in the six numbered compartment nor priced 210.
- 7) One book is placed between the Pink coloured book and the Blue coloured book.

Compartments	Books (case 1)	Books (case 2)	Price
7	Yellow		
6			200
5			
4	Pink	Pink	210
3	Brown	Brown	
2	Blue	Blue	
1		Yellow	

8) The Green book is placed in an even numbered compartment but not immediately below the one which is having Yellow book. (Thus, the case 1 proved false).

Compartments	Books	Price
7		
6	Green	200
5		
4	Pink	210
3	Brown	
2	Blue	
1	Yellow	

- 9) Book whose price is 160 is placed in any compartment above Pink but not in the topmost compartment.
- 10) One book is placed between the books whose price is 160 and 100.
- 11) The Black book is not priced 160 or 100.

Compartments	Books	Price
7	Black	
6	Green	200
5		160
4	Pink	210
3	Brown	100
2	Blue	
1	Yellow	

- 12) The book which price is 180, is placed below the book whose price is 140 but not immediate below.
- 13) According to the price value, Blue coloured book is not the third highest among them.

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Compartments	Books	Price
7	Black	140
6	Green	200
5		160
4	Pink	210
3	Brown	100
2	Blue	
1	Yellow	180

Thus, final arrangement after filling the gaps is:

Compartments	Books	Price
7	Black	140
6	Green	200
5	Orange	160
4	Pink	210
3	Brown	100
2	Blue	120
1	Yellow	180

Hence, there are four books which are placed between Green and Yellow colored book.

177. Answer: a

**Explanation:**

**Compartments:** 1, 2, 3, 4, 5, 6 and 7.

**Books:** Black, Blue, Green, Orange, Pink, Yellow and Brown.

**Price:** 100, 120, 140, 160, 180, 200 and 210.

- 1) The book whose price is 210 is placed in the 4 numbered compartment.
- 2) Brown book is not placed in the lowermost compartment.
- 3) The Brown book is placed in an odd numbered compartment and below the book whose price is 210.
- 4) Two books are placed between the book whose price is 210 and the Yellow coloured book.

Compartments	Books (case 1)	Books (case 2)	Price
7	Yellow		
6			
5			
4			210
3	Brown	Brown	
2			
1		Yellow	

- 5) There are two books placed between the Brown book and the book whose price is 200.
- 6) Blue book is placed in an even numbered compartment and neither kept in the six numbered compartment nor priced 210.
- 7) One book is placed between the Pink coloured book and the Blue coloured book.

Compartments	Books (case 1)	Books (case 2)	Price
7	Yellow		
6			200
5			
4	Pink	Pink	210
3	Brown	Brown	
2	Blue	Blue	
1		Yellow	

8) The Green book is placed in an even numbered compartment but not immediately below the one which is having Yellow book. (Thus, the case 1 proved false).

Compartments	Books	Price
7		
6	Green	200
5		
4	Pink	210
3	Brown	
2	Blue	
1	Yellow	

- 9) Book whose price is 160 is placed in any compartment above Pink but not in the topmost compartment.
- 10) One book is placed between the books whose price is 160 and 100.
- 11) The Black book is not priced 160 or 100.

Compartments	Books	Price
7	Black	
6	Green	200
5		160
4	Pink	210
3	Brown	100
2	Blue	
1	Yellow	

- 12) The book whose price is 180, is placed below the book whose price is 140 but not immediately below.
- 13) According to the price value, Blue colored book is not the third highest among them.

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Compartments	Books	Price
7	Black	140
6	Green	200
5		160
4	Pink	210
3	Brown	100
2	Blue	
1	Yellow	180

Thus, the final arrangement after filling the gaps is:

Compartments	Books	Price
7	Black	140
6	Green	200
5	Orange	160
4	Pink	210
3	Brown	100
2	Blue	120
1	Yellow	180

Hence, the Blue colored book is priced 120.

178. Answer: b

Explanation:

10 persons: Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit

- 1) Flat number 2 on the 2nd floor is vacant.
- 2) Mahi lives in an even numbered flat.
- 3) Mahi lives on the 1st floor.

1	2	3
1	2	3
1	Vacant	3
1	2	3

- 4) Raghav lives to the immediate left of Golu.
- 5) There is a gap of one floor in between Golu and Saurabh.
- 6) None of the flats that is in the same row or same column as Saurabh is empty.
- 7) Golu lives directly below a vacant flat.
- 8) Manu and Golu live on the same floor.

1	2	Vacant
Manu	Raghav	Golu
1	2	3
1	Vacant	3
Saurabh	Mahi	3
1	2	3

- 9) Deepu lives directly above Ram.
- 10) Mahi lives on a floor with 2 other persons.
- 11) Annu lives above Ankit.
- 12) Mahi and Deepu do not live on the same floor.

Annu	Anish	Vacant
1	2	3
Manu	Raghav	Golu
1	2	3
Ankit	Vacant	Deepu
1	2	3
Saurabh	Mahi	Ram
1	2	3

Above arrangement is our final arrangement.

Hence our answer will be Mahi.

179. Answer: b

Explanation:

10 persons: Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit

- 1) Flat number 2 on the 2nd floor is vacant.
- 2) Mahi lives in an even numbered flat.
- 3) Mahi lives on the 1st floor.

1	2	3
1	2	3
1	Vacant	3
1	2	3

- 4) Raghav lives to the immediate left of Golu.
- 5) There is a gap of one floor in between Golu and Saurabh.
- 6) None of the flats that is in the same row or same column as Saurabh is empty.
- 7) Golu lives directly below a vacant flat.
- 8) Manu and Golu live on the same floor.

1	2	Vacant
Manu	Raghav	Golu
1	2	3
1	Vacant	3
Saurabh	Mahi	3
1	2	3

- 9) Deepu lives directly above Ram.
- 10) Mahi lives on a floor with 2 other persons.
- 11) Annu lives above Ankit.
- 12) Mahi and Deepu do not live on the same floor.

Annu 1	Anish 2	Vacant 3
Manu 1	Raghav 2	Golu 3
Ankit 1	Vacant 2	Deepu 3
Saurabh 1	Mahi 2	Ram 3

Above arrangement is our final arrangement.

Hence our answer will be 2.

180. Answer: b

Explanation:

10 persons: Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit

- 1) Flat number 2 on the 2nd floor is vacant.
- 2) Mahi lives in an even numbered flat.
- 3) Mahi lives on the 1st floor.

1	2	3
1	2	3
1	Vacant	3
1	2	3

- 4) Raghav lives to the immediate left of Golu.
- 5) There is a gap of one floor in between Golu and Saurabh.
- 6) None of the flats that is in the same row or same column as Saurabh is empty.
- 7) Golu lives directly below a vacant flat.
- 8) Manu and Golu live on the same floor.

1	2	Vacant
Manu	Raghav	Golu
1	2	3
1	Vacant	3
Saurabh	Mahi	3
1	2	3

- 9) Deepu lives directly above Ram.
- 10) Mahi lives on a floor with 2 other persons.

- 11) Annu lives above Ankit.
- 12) Mahi and Deepu do not live on the same floor.

Annu 1	Anish 2	Vacant 3
Manu 1	Raghav 2	Golu 3
Ankit 1	Vacant 2	Deepu 3
Saurabh 1	Mahi 2	Ram 3

Above arrangement is our final arrangement.

Hence our answer will be Manu

**181. Answer: b**

**Explanation:**

10 persons: Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit

- 1) Flat number 2 on the 2nd floor is vacant.
- 2) Mahi lives in an even numbered flat.
- 3) Mahi lives on the 1st floor.

1	2	3
1	2	3
1	Vacant 2	3
1	2	3

- 4) Raghav lives to the immediate left of Golu.
- 5) There is a gap of one floor in between Golu and Saurabh.
- 6) None of the flats that is in the same row or same column as Saurabh is empty.
- 7) Golu lives directly below a vacant flat.
- 8) Manu and Golu live on the same floor.

1	2	Vacant 3
Manu 1	Raghav 2	Golu 3
1	Vacant 2	3
Saurabh 1	Mahi 2	3

- 9) Deepu lives directly above Ram.
- 10) Mahi lives on a floor with 2 other persons.
- 11) Annu lives above Ankit.
- 12) Mahi and Deepu do not live on the same floor.

Annu 1	Anish 2	Vacant 3
Manu 1	Raghav 2	Golu 3
Ankit 1	Vacant 2	Deepu 3
Saurabh 1	Mahi 2	Ram 3

Above arrangement is our final arrangement.

Hence our answer will be Ankit and Anish.

182. Answer: b

Explanation:

10 persons: Manu, Mahi, Ram, Annu, Deepu, Saurabh, Golu, Anish, Raghav and Ankit

- 1) Flat number 2 on the 2nd floor is vacant.
- 2) Mahi lives in an even numbered flat.
- 3) Mahi lives on the 1st floor.

1	2	3
1	2	3
1	Vacant 2	3
1	2	3

- 4) Raghav lives to the immediate left of Golu.
- 5) There is a gap of one floor in between Golu and Saurabh.
- 6) None of the flats that is in the same row or same column as Saurabh is empty.
- 7) Golu lives directly below a vacant flat.
- 8) Manu and Golu live on the same floor.

1	2	Vacant
Manu	Raghav	Golu
1	2	3
1	Vacant	3
Saurabh	Mahi	3
1	2	3

- 9) Deepu lives directly above Ram.
- 10) Mahi lives on a floor with 2 other persons.
- 11) Annu lives above Ankit.
- 12) Mahi and Deepu do not live on the same floor.

Annu	Anish	Vacant
1	2	3
Manu	Raghav	Golu
1	2	3
Ankit	Vacant	Deepu
1	2	3
Saurabh	Mahi	Ram
1	2	3

Above arrangement is our final arrangement.

Hence our answer will be Vacant seat.

183. Answer: a

Explanation:

Seven students: P, Q, R, S, T and V.

Different test dates: 1<sup>st</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> and 10<sup>th</sup>.

From statement I:

The one, whose test is on 8<sup>th</sup> November is taller than only one person. P is the tallest among all and has test on 10<sup>th</sup> November. Q is taller than those, whose tests are on 7<sup>th</sup> and 1<sup>st</sup> November.

From the given information,

$$P(10^{th}) > \_ > \_ > \_ > \_ (8^{th}) > \_.$$

Q's test cannot be on 1<sup>st</sup>, 7<sup>th</sup>, 8<sup>th</sup> and 10<sup>th</sup> November.

So, statement I alone is not sufficient.

From statement II:

The difference in the test dates of Q and T is 2. R's test is on odd date. S is taller than Q and V.

From the given information,

The test dates of Q and T are 5<sup>th</sup> and 7<sup>th</sup> November but not necessarily in the same order or 6<sup>th</sup> and 8<sup>th</sup> November but not necessarily in the same order. R's test is on odd date i.e. 1<sup>st</sup>, 5<sup>th</sup> or 7<sup>th</sup> November.

So, statement II alone is not sufficient.

From statement III:

T is not the shortest. Q's test is just before S's test. S's test is not on any prime date.

From the given information,

S's test can be on 5<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup> or 10<sup>th</sup> November.

So, statement II alone is not sufficient.

On combining I and II,

From the given information,

We get three different possibilities,

(i)  $P(10^{th}) > S() > Q(6^{th}) > \_ (1^{st}) > T(8^{th}) > \_ (7^{th})$

(ii)  $P(10^{th}) > S() > Q(6^{th}) > \_ (7^{th}) > T(8^{th}) > \_ (1^{st})$

(iii)  $P(10^{th}) > S(6^{th}) > Q(5^{th}) > T(7^{th}) > V(8^{th}) > R(1^{st})$

So, we cannot determine exactly that whose test is on 6<sup>th</sup> November and who is the shortest.

On combining I and III,

From the given information,

We get two different possibilities,

(i)  $P(10^{th}) > \_ > Q() > \_ (1^{st} / 7^{th}) > \_ (8^{th}) > \_ (7^{th} / 1^{st})$

(ii)  $P(10^{th}) > Q() > \_ > \_ > \_ (8^{th}) > \_$

So, we cannot determine exactly that whose test is on 6<sup>th</sup> November and who is the shortest.

On combining II and III,

From the given information,

$\_ > \_ > \_ > \_ > \_ > \_ (\times T)$

So, we cannot determine exactly that whose test is on 6<sup>th</sup> November and who is the shortest.

Combining all statements together we get:

$P(10^{th}) > S(6^{th}) > Q(5^{th}) > T(7^{th}) > V(8^{th}) > R(1^{st})$

So, S has test on 6<sup>th</sup> November and R is the shortest.

Hence, the data in statement I, II and III together are required to answer the question.

184. Answer: d

**Explanation:**

**Statement I:**

Shefali may be travelling on Thursday, Friday or Saturday. Hence, Statement I alone is not sufficient to answer the question.

**Statement II:**

Shefali may be travelling on Wednesday, Thursday or Friday. Hence, statement II alone is not sufficient to answer the question.

**Statement III:**

Shefali may be travelling on any day except Friday.

**Statement I & II:**

Shefali can be travelling on Thursday or Friday.

**Statement I & III:**

Shefali can be travelling on Thursday or Saturday.

**Statement II and III**

Shefali may be travelling on Wednesday or Thursday

**Statement I, II & III:**

Shefali is travelling on Thursday.

Hence, the data in all the statements I, II and III together is sufficient to answer the question.

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185. Answer: c

**Explanation:**

It is imperative to study the reasons for the failure so as to avert them in the future. Also, comparison with other states could throw light on the actual macroeconomic picture which might have had an impact on other states as well. Thus, B and C are the course of actions to follow. It makes no sense to reduce target growth rate as it will only be a cosmetic action and won't deal with the actual cause, and at the same time, it may be detrimental to the growth of the state.

186. Answer: e

**Explanation:**

Tightening the security would help in preventing the robberies. Also people should be warned and advised to not travel during night if feasible. Hence both I and II follow and option 5 is correct.

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187. Answer: e

**Explanation:**

Since large number of people are visiting a specific place, maintaining harmony would be necessary . People should also be advised to maintain peace and not indulge in any kind of fight. Hence both I and II follow and option 5 is correct.

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188. Answer: b

**Explanation:**

The conclusion 1 establishes the fact that security could have been managed better by the administration to prevent chaos from happening. Statement II states this fact. Thus Conclusion 1 follows.

Conclusion 2 states a fact that is true but has no relation to the statements given. Thus, conclusion 2 does not follow.

Hence, option 2 is correct.

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189. Answer: c

**Explanation:**

The exact reason for the revision of the GST rates isn't mentioned. Neither does the sentence mention if the artisans were happy or unhappy after the implementation of the GST which could have an impact (positive or negative) on the sales of their artifacts.

So, neither assumptions are implicit and option 3 is the correct answer.

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190. Answer: a

**Explanation:**

*Only Inference (I) is correct.*

It is given in the statement that the Former President Barack Obama tried *unsuccessfully* to close the prison. So, inference (I) is correct.

It can't be ascertained from the information given in the statement if the capacity to accommodate detainees. So, inference (II) can't be drawn.

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