



## 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



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

# SSC CHSL 2017 (Tier-I) Previous Year Paper (15-Mar-2018) (Shift 1)

Total Time: 1 Hour

Total Marks: 200

## Instructions

| Sl No. | Section Name          | No. of Question | Maximum Marks | Negative Marks | Positive Marks |
|--------|-----------------------|-----------------|---------------|----------------|----------------|
| 1      | English Language      | 25              | 50            | 0.5            | 2              |
| 2      | General Intelligence  | 25              | 50            | 0.5            | 2              |
| 3      | Quantitative Aptitude | 25              | 50            | 0.5            | 2              |
| 4      | General Awareness     | 25              | 50            | 0.5            | 2              |

- 1.) A total of 60 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.

## English Language

1. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'. (+2, -0.5)

He fall over the (1)/ ledge after (2)/ drinking heavily last night. (3)/ No error (4)

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

2. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'. (+2, -0.5)

The Maldives has been buffeted by one political crisis after another (1)/ since Nasheed, the first democratically elected president, (2)/ was forcibly to quit in 2012. (3)/ No error (4)

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

3. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and (+2, -0.5)

indicate it by selecting the appropriate option.

The path runs \_\_\_\_\_ forests and mountains.

- a. In
- b. On
- c. To
- d. Towards

- 
4. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option. (+2, -0.5)

The worst form of violence is terrorism \_\_\_\_\_ due to religious insecurities.

- a. Repressed
- b. Quelled
- c. Evoked
- d. Halted

- 
5. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word. (+2, -0.5)

Debonair

- a. Elegant
- b. Awkward

- c. Clumsy
  - d. Difficult
- 

6. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word. (+2, -0.5)

Rivet

- a. Heavy
  - b. Joyous
  - c. Engage
  - d. Revolve
- 

7. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word. (+2, -0.5)

Evince

- a. Manifest
  - b. Conceal
  - c. Declare
  - d. Prove
- 

8. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word. (+2, -0.5)

Candid

- a. Artful
- b. Free
- c. Objective
- d. Plain

---

9. Rearrange the parts of the sentence in correct order.

(+2, -0.5)

As a result of greater competition

P: while others are contracting

Q: in the US computer industry

R: some computer companies are expanding

- a. PQR
- b. QRP
- c. PRQ
- d. QPR

---

10. A sentence has been given in Active/Passive Voice. Out of the four given alternatives, select the one which best expresses the same sentence in Passive/Active Voice.

(+2, -0.5)

The teacher told him to collect assignments.

- a. He was told to collect assignments by the teacher.
- b. He is told by the teacher to collect assignments.

c. The teacher asked him to collect assignments.

d. He was asked to collect assignments.

- 
11. A sentence has been given in Direct/Indirect Speech. Out of the four given alternatives, select the one which best expresses the same sentence in Indirect/Direct Speech. (+2, -0.5)

"I have not seen him for years," said his mother.

a. She has not seen him for years said his mother.

b. His mother had not seen him for years.

c. His mother told him she had not saw him for years.

d. His mother said that she had not seen him for years.

- 
12. In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word. (+2, -0.5)

a. Questionaire

b. Qustionaire

c. Questionnaire

d. Questionnaire

- 
13. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. (+2, -0.5)

A century later, the philosophy community needs to take \_\_\_\_\_  
the new challenge of moral deliberation on the most pressing issues of our

difficult times. We have to revoke the suspension of ethics and morality \_\_\_\_\_ our lives by initiating a dialogue on it. Foregrounding ethics, however, \_\_\_\_\_ means undermining the epistemological or ontological questions that are inevitably there. One such beginning can be made by anchoring moral \_\_\_\_\_ in fairness and justice —one founded on obligatory fairness towards the people and the planet, towards the earth and the environment, and above all justice towards one \_\_\_\_\_.

community needs to take \_\_\_\_\_ the new challenge

- a. In
- b. Down
- c. Up
- d. Into

14. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. (+2, -0.5)

A century later, the philosophy community needs to take \_\_\_\_\_ the new challenge of moral deliberation on the most pressing issues of our difficult times. We have to revoke the suspension of ethics and morality \_\_\_\_\_ our lives by initiating a dialogue on it. Foregrounding ethics, however, \_\_\_\_\_ means undermining the epistemological or ontological questions that are inevitably there. One such beginning can be made by anchoring moral \_\_\_\_\_ in fairness and justice —one founded on obligatory fairness towards the people and the planet, towards the earth and the environment, and above all justice towards one \_\_\_\_\_.

ethics and morality \_\_\_\_\_ our lives by initiating

- a. Form

- b. Of
- c. For
- d. From

15. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. (+2, -0.5)

A century later, the philosophy community needs to take \_\_\_\_\_ the new challenge of moral deliberation on the most pressing issues of our difficult times. We have to revoke the suspension of ethics and morality \_\_\_\_\_ our lives by initiating a dialogue on it. Foregrounding ethics, however, \_\_\_\_\_ means undermining the epistemological or ontological questions that are inevitably there. One such beginning can be made by anchoring moral \_\_\_\_\_ in fairness and justice —one founded on obligatory fairness towards the people and the planet, towards the earth and the environment, and above all justice towards one \_\_\_\_\_.

Foregrounding ethics, however, \_\_\_\_\_ means undermining

- a. Nor
- b. No
- c. Never
- d. None

16. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. (+2, -0.5)

A century later, the philosophy community needs to take \_\_\_\_\_ the new challenge of moral deliberation on the most pressing issues of our

difficult times. We have to revoke the suspension of ethics and morality \_\_\_\_\_ our lives by initiating a dialogue on it. Foregrounding ethics, however, \_\_\_\_\_ means undermining the epistemological or ontological questions that are inevitably there. One such beginning can be made by anchoring moral \_\_\_\_\_ in fairness and justice —one founded on obligatory fairness towards the people and the planet, towards the earth and the environment, and above all justice towards one \_\_\_\_\_.

by anchoring moral \_\_\_\_\_ in fairness

- a. Responsibility
- b. Responsible
- c. Responsibly
- d. Responsory

17. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. (+2, -0.5)

A century later, the philosophy community needs to take \_\_\_\_\_ the new challenge of moral deliberation on the most pressing issues of our difficult times. We have to revoke the suspension of ethics and morality \_\_\_\_\_ our lives by initiating a dialogue on it. Foregrounding ethics, however, \_\_\_\_\_ means undermining the epistemological or ontological questions that are inevitably there. One such beginning can be made by anchoring moral \_\_\_\_\_ in fairness and justice —one founded on obligatory fairness towards the people and the planet, towards the earth and the environment, and above all justice towards one \_\_\_\_\_.

and above all justice towards one \_\_\_\_\_.

- a. Else

- b. All
  - c. Everybody
  - d. Another
- 

18. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. (+2, -0.5)

Get on somebody's nerves

- a. To calm an anxious person.
  - b. To be an irritant.
  - c. To crack jokes at somebody's expense.
  - d. Be angry with yourself but take out the anger on somebody else.
- 

19. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. (+2, -0.5)

Eyebrow raising

- a. Pretend to like something or someone even when you dislike.
  - b. Look up in defiance as a show of rebellion.
  - c. A person finally getting due punishment.
  - d. Something which surprises, shocks, or offends people.
- 

20. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. (+2, -0.5)

Showing a lack of respect for people or things that are generally taken seriously

- a. Solemn
- b. Pious
- c. Devout
- d. Irreverent

- 
21. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. (+2, -0.5)

Showing a skilful use of underhand tactics to achieve goals

- a. Scrupulous
- b. Veracious
- c. Authentic
- d. Devious

- 
22. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement". (+2, -0.5)

A monthly contribution by the boy's elder brother (have made) this move possible.

- a. Had make
- b. Had made
- c. Had making

d. No improvement

---

23. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement". (+2, -0.5)

He claimed that he (have corrected) the ringing on both the clocks.

- a. Had correct
  - b. Had corrected
  - c. Had correcting
  - d. No improvement
- 

24. The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph. (+2, -0.5)

One of them said my

A-teacher was being very

B-strict as she was

C-strict; not all French were as

- a. ABC
  - b. CBA
  - c. ACB
  - d. CAB
-

25. In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word. (+2, -0.5)

- a. Illiterate
- b. Illiterate
- c. Illiterate
- d. Illiterate

Prepp

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## General Intelligence

26. In the following question, select the related word pair from the given alternatives. (+2, -0.5)

Thursday : Friday :: ? : ?

- a. Monday : Tuesday
- b. Friday : Sunday
- c. Friday : Wednesday
- d. Sunday : Tuesday

- 
27. In the following question, select the related number from the given alternatives. (+2, -0.5)

594 : 592 :: 368 : ?

- a. 370
- b. 340
- c. 364
- d. 366

- 
28. In the following question, select the related letter/letters from the given alternatives. (+2, -0.5)

KPV : LQW :: BOY : ?

- a. APX

- b. CPZ
  - c. CPX
  - d. DQZ
- 

29. In the following question, select the odd word from the given alternatives. (+2, -0.5)

- a. Cauliflower
  - b. Potato
  - c. Grapes
  - d. Brinjal
- 

30. In the following question, four number pairs are given. The number on left side of (–) is related to the number on the right side of (–) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (+2, -0.5)

- a. 39 – 43
  - b. 23 – 27
  - c. 31 – 35
  - d. 35 – 37
- 

31. In the following question, select the odd letter/letters from the given alternatives. (+2, -0.5)

- a. GJMP

- b.** HKNR
  - c.** PSVY
  - d.** NQTW
- 

**32.** Arrange the given words in the sequence in which they occur in the dictionary. **(+2, -0.5)**

- 1. Telephone
- 2. Teleworker
- 3. Tendency
- 4. Temperature
- 5. Themselves

- a.** 34521
  - b.** 42153
  - c.** 52314
  - d.** 12435
- 

**33.** In the following question, select the missing number from the given series. **(+2, -0.5)**

**4, 5, 8, 9, 12, 13, ?**

- a.** 14
- b.** 16
- c.** 15

d. 20

---

34. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. (+2, -0.5)

EGL, DFK, CEJ, ?, ACH

a. BFJ

b. CFD

c. HDI

d. BDI

---

35. Weight of Alok is twice the weight of Karan. Weight of Karan is one-fourth of the weight of Roma. Weight of Roma is twice of the weight of Tipu. Weight of Tipu is twice of the weight of Shivam. The weight of Roma is greater than the weight of how many persons among Alok, Karan, Shivam and Tipu? (+2, -0.5)

a. 3

b. 4

c. 0

d. 2

---

36. From the given alternatives, select the word which CANNOT be formed using the letters of the given word. (+2, -0.5)

Compatible

---

- a. Come
  - b. Pat
  - c. Time
  - d. Most
- 

37. In a certain code language, "WARD" is written as "44" and "LOAD" is written as "30". How is "BRIT" written in that code language? (+2, -0.5)

- a. 49
  - b. 47
  - c. 48
  - d. 50
- 

38. In a certain code language, '-' represents '×', '÷' represents '+', '+' represents '÷' and '×' represents '-'. Find out the answer to the following question. (+2, -0.5)

$$12 - 2 + 6 \times 20 \div 18 = ?$$

- a. 50
  - b. 2
  - c. 19
  - d. 43
-

39. The following equation is incorrect. Which two signs should be interchanged to correct the equation? (+2, -0.5)

$$18 \div 2 - 25 \times 9 + 6 = 38$$

- a. + and  $\times$
- b. + and  $\div$
- c. and +
- d.  $\div$  and  $\times$

40. If  $18a12 = 3$ ,  $2a14 = -6$  and  $4a4 = 0$ , then find the value of  $2a16 = ?$  (+2, -0.5)

- a. -7
- b. 8
- c. 10
- d. -1

41. Which of the following terms follows the trend of the given list? (+2, -0.5)

PQPPPPQ, PPQPPPPQ, PPPQPPQ, PPPPQPPQ, PPPPPQPQ, -----.

- a. QPPPPPPQ
- b. PQPPPPPPQ
- c. PPQPPPPQ
- d. PPPPPPPQ

42. A woman is shopping in a plaza. She walks 80 m South, then she turns East and walks 50 m, then she turns North and walks 110 m, then she turns to her left and walks 50 m. Where is she now with reference to her starting position? (+2, -0.5)

- a. 30 m North
- b. 190 m North
- c. 30 m South
- d. 190 m South

43. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements. (+2, -0.5)

**Statement I:** Some flipflops are slippers

**Statement II:** Some footwear are flipflops

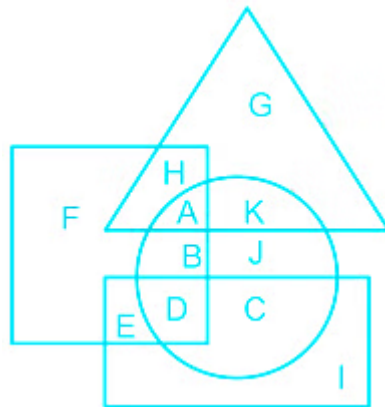
**Conclusion I:** All slippers are footwear

**Conclusion II:** All footwear are slippers

- a. Only conclusion I follows
- b. Only conclusion II follows
- c. Both conclusions I and II follow
- d. Neither conclusion I nor conclusion II follows

44. In the following figure, rectangle represents Technicians, circle represents Bakers, triangle represents Playwrights and square represents (+2, -0.5)

Gymnastics. Which set of letters represents Technicians who are Bakers?



- a. BJ
- b. DC
- c. AK
- d. BD

45. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. (+2, -0.5)

HTC, LXG, PBK, TFO, ?

- a. YKR
- b. ZLU
- c. WIR
- d. XJS

46. In the following question, select the missing number from the given series. (+2, -0.5)

2, 4, 6, 8, ?, 12

- a. 12
- b. 10
- c. 9
- d. 11

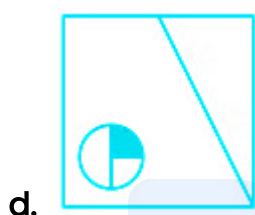
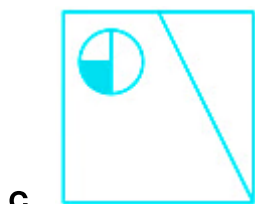
47. In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (+2, -0.5)

- a. (11, 13, 15)
- b. (16, 18, 20)
- c. (13, 15, 18)
- d. (22, 24, 26)

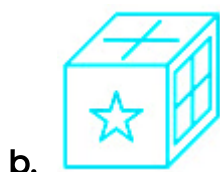
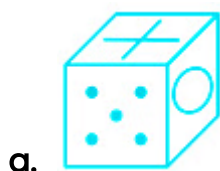
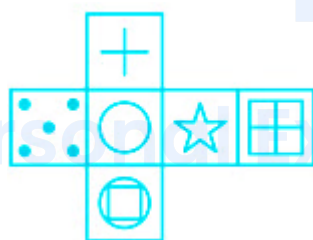
48. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure? (+2, -0.5)



a.



49. Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure? (+2, -0.5)





50. A word is represented by only set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'F' can be represented by 12, 43 etc and 'Z' can be represented by 87, 98 etc. Similarly, you have to identify the set for the word 'SOCK'.

(+2, -0.5)

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| Matrix-I |   |   |   |   |   |
|----------|---|---|---|---|---|
|          | 0 | 1 | 2 | 3 | 4 |
| 0        | A | E | E | G | H |
| 1        | I | A | F | M | D |
| 2        | E | M | A | E | H |
| 3        | I | A | C | H | B |
| 4        | D | K | H | F | E |

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| Matrix-II |   |   |   |   |   |
|-----------|---|---|---|---|---|
|           | 5 | 6 | 7 | 8 | 9 |
| 5         | Z | P | P | Q | S |
| 6         | V | U | S | R | N |
| 7         | U | U | N | V | X |
| 8         | N | O | Z | V | T |
| 9         | R | W | W | Z | N |

a. 14, 56, 10, 56

b. 67, 86, 32, 41

c. 42, 59, 14, 78

d. 21, 68, 22, 57

## Quantitative Aptitude

51. Find the number that is as much greater than 39 as is less than 79. (+2, -0.5)

- a. 42
- b. 49
- c. 55
- d. 59

52. If  $(1/3.197) = 0.3127$ , find the value of  $(1/0.0003197)$ . (+2, -0.5)

- a. 3127
- b. 3197
- c. 312.7
- d. 0.3127

53. The two lines  $4x + 3y = 0$  and  $7x + 5y = 0$  will \_\_\_\_\_ in their graphical representation. (+2, -0.5)

- a. be parallel to each other
- b. intersect each other at one point only
- c. intersect each other at three points only
- d. coincide each other

54. If the two lines  $px + 6y + 3 = 0$  and  $2x + qy + 3 = 0$  have infinite solutions then find the value of  $p$  and  $q$  respectively. (+2, -0.5)

- a. 2, 6
- b. 6, 2
- c. 2, 2
- d. 6, 6

55. Which of the following triangle has the maximum area when inscribed inside the circle of same radius? (+2, -0.5)

- a. Scalene
- b. Isosceles
- c. Equilateral
- d. Right angled

56. Which of the following ratio correctly depicts the division of each median of the triangle by the centroid? (+2, -0.5)

- a. 1 : 2
- b. 1 : 3
- c. 2 : 1
- d. 3 : 1

57. If A is 40% more than B, then B is how much percent less than A? (+2, -0.5)

- a. 28.57
- b. 40
- c. 33.33
- d. 66.66

58. If  $(\frac{4}{5})A = 3B = (\frac{2}{3})C$ , then what is A : B : C? (+2, -0.5)

- a. 12 : 3 : 16
- b. 12 : 45 : 10
- c. 15 : 4 : 18
- d. 9 : 12 : 16

59. A mixture of alcohol and water contains 7% alcohol. How much mixture (in litres) is required to get 357 litres of alcohol? (+2, -0.5)

- a. 6300
- b. 4200
- c. 4900
- d. 5100

60. What is the average of 36, 43, 51, 68, and 77? (+2, -0.5)

- a. 47
- b. 49
- c. 55
- d. 64

---

61. A sum of money becomes  $\frac{77}{50}$  of itself in  $\frac{18}{5}$  years when invested at simple interest. What is the rate (in percentage) of interest per annum? (+2, -0.5)

- a. 20
- b. 18
- c. 12
- d. 15

---

62. The ratio of the cost price and selling price of a bulb is 15 : 18. What is the profit percentage? (+2, -0.5)

- a. 16.66
- b. 14.28
- c. 20
- d. 22

---

63. A shopkeeper offers the following 3 schemes. Which scheme has the maximum discount percentage? (+2, -0.5)

- I. Two successive discount of 20% and 25%

II. Buy 5 get 3 free

III. Buy 5 get 6

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

---

64. If  $9^x = \sqrt[11]{243}$ , then what is the value of x? (+2, -0.5)

- a. 5/11
- b. 5/22
- c. 5/7
- d. 5/33

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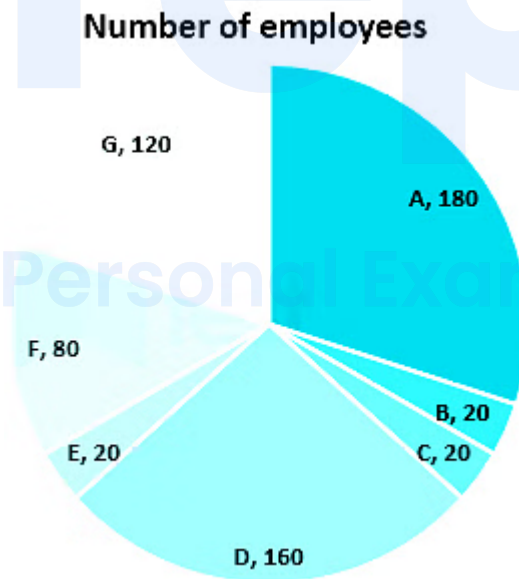
65. M can complete  $\frac{3}{4}$  part of a work in 12 days and N can complete  $\frac{2}{7}$  part of the same work in 8 days. In how many days will both complete  $\frac{11}{14}$  part of the total work? (+2, -0.5)

- a. 8
- b. 9
- c. 7
- d. 6

66. A train starts moving from a place X at 7:00 a.m. and arrives at another place Y at 1:00 p.m. on the same day. If the speed of the train is 15 m/s, then what will be the distance (in km) covered by the train? (+2, -0.5)

- a. 324
- b. 375
- c. 390
- d. 245

67. **Direction:** The HR department of an MNC prepared a report. The pie chart from this report shows number of employees the MNC has in different countries. Study the diagram and answer the following questions. (+2, -0.5)



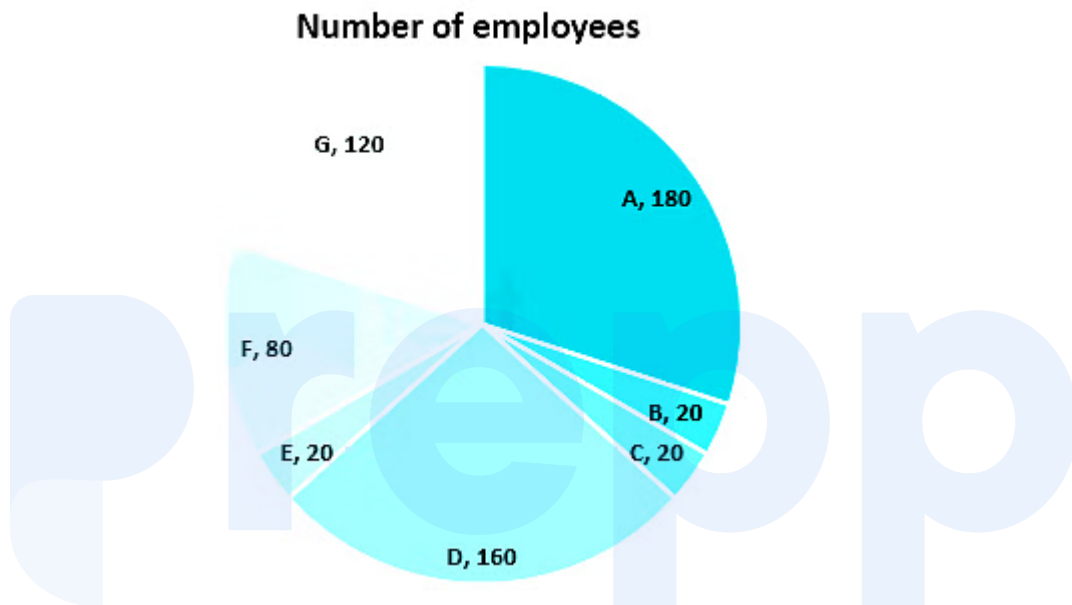
The most number of employees are from which country?

- a. F
- b. C

c. D

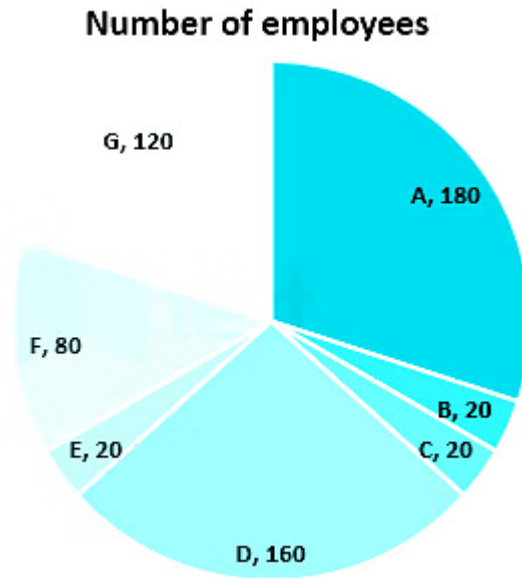
d. A

68. **Direction:** The HR department of an MNC prepared a report. The pie chart from this report shows number of employees the MNC has in different countries. Study the diagram and answer the following questions. (+2, -0.5)



What is the total number of employees of the MNC?

- a. 400
- b. 600
- c. 500
- d. 300
69. **Direction:** The HR department of an MNC prepared a report. The pie chart from this report shows number of employees the MNC has in different countries. Study the diagram and answer the following questions. (+2, -0.5)

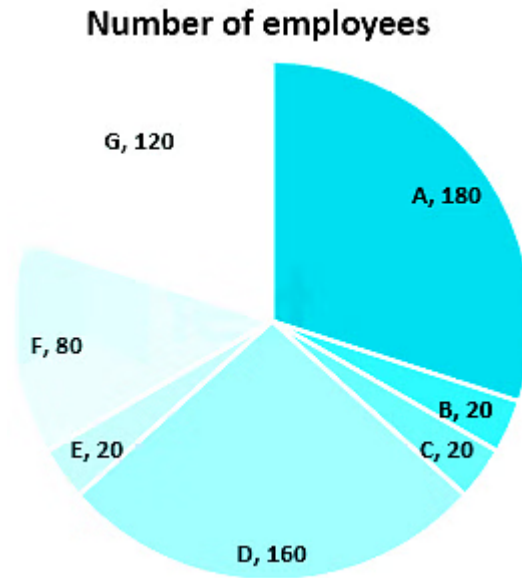


The measure of the central angle of the sector representing country F is \_\_\_\_\_ degrees.

- a. 48
- b. 80
- c. 60
- d. 56

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70. **Direction:** The HR department of an MNC prepared a report. The pie chart from this report shows number of employees the MNC has in different countries. Study the diagram and answer the following questions. (+2, -0.5)



If the average monthly salary of the employees of this MNC is 6000 then what is the total of the salaries (in millions) paid to all the employees of this MNC?

- a. 36
- b. 1.8
- c. 3.6
- d. 18

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71. If the lengths of the two parallel sides of a trapezium are 8 cm and 10 cm and its area is  $54 \text{ cm}^2$ . Find the distance between its parallel sides (in cm). (+2, -0.5)

- a. 6
- b. 3
- c. 12
- d. 9

72. If the circumference of a circle is 22 cm, then what must be its area (in  $\text{cm}^2$ )? (+2, -0.5)

- a. 77
- b. 38.5
- c. 31.5
- d. 63

73. The total surface area of a cube is  $337.5 \text{ cm}^2$ . Find its side (in cm). (+2, -0.5)

- a. 8.5
- b. 6.5
- c. 5.5
- d. 7.5

74.  $\Delta PQR$  is right angled at Q. If  $m\angle R = 45^\circ$ , then find the value of  $(\tan P - 1/2)$ . (+2, -0.5)

- a.  $(2 - \sqrt{3})/\sqrt{3}$
- b.  $(2\sqrt{3} - \sqrt{6})/2\sqrt{2}$
- c.  $1/2$
- d.  $(\sqrt{6} - 6)/3\sqrt{3}$

75.  $\Delta DEF$  is right angled at E. If  $\sec D = 25/7$ , then what is the value of  $\operatorname{cosec} F$ ? (+2, -0.5)

- a.  $7/25$
- b.  $24/7$
- c.  $25/7$
- d.  $7/24$

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## General Awareness

76. Which one among the following administers the International Development Association (IDA)? (+2, -0.5)
- a. UNDP
  - b. UNIDO
  - c. IFAD
  - d. IBRD
- 
77. Who decides the Minimum Support Price (MSP) for agricultural crops in India? (+2, -0.5)
- a. Ministry of Agriculture
  - b. NABARD
  - c. Commission on Agriculture Cost and Price (CACP)
  - d. Ministry of Commerce
- 
78. Pidurutalagala or Mount Pedro is the highest mountain peak of which of the following countries? (+2, -0.5)
- a. South Africa
  - b. Panama
  - c. Sri Lanka
  - d. Cambodia

---

79. Which of the following rivers flows from south to north? (+2, -0.5)

- a. Godavari
- b. Cauvery
- c. Krishna
- d. Betwa

---

80. Sikhism was founded in which of the following centuries? (+2, -0.5)

- a. 13-14<sup>th</sup> century
- b. 11-12<sup>th</sup> century
- c. 15-16<sup>th</sup> century
- d. 12-13<sup>th</sup> century

---

81. For the first time in Gujarat, who implemented Jizya tax? (+2, -0.5)

- a. Ahmed Shah I
- b. Mahmud Begda
- c. Mujaffarshah I
- d. Mujaffarshah II

---

82. Who of the following Indian vocalist and musician established the Academy of Performing Arts and Research in Switzerland? (+2, -0.5)

- a. Balamuralikrishna
  - b. K.J. Yesudas
  - c. Pandit Kumar Gandharva
  - d. Pandit Ravi Shankar
- 

**83.** India and which country, on 25 October, 2017, agreed to implement helicopter operations from ships to strengthen maritime security? (+2, -0.5)

- a. USA
  - b. Somalia
  - c. Japan
  - d. Germany
- 

**84.** The Chief Minister of which state was, in October 2017, honoured with the Golden Peacock Award under the category 'Global Leadership in Public Service and Economic Transformation'? (+2, -0.5)

- a. Bihar
  - b. West Bengal
  - c. Telangana
  - d. Andhara Pradesh
- 

**85.** Which of the following is the largest city of Myanmar? (+2, -0.5)

- a. Yangon

- b. Mandalay
  - c. Mawlamyine
  - d. Naypyidaw
- 

**86.** Valency of an element depends on which of the following? (+2, -0.5)

- I. Number of losing electron
- II. Number of gaining electron
- III. Number of sharing electron

- a. Only I and II
  - b. Only I and III
  - c. Only II and III
  - d. All I, II and III
- 

**87.** Which of the following statement(s) is/are CORRECT? (+2, -0.5)

- I. Oils containing unsaturated fatty acids should be used for cooking.
- II Animal fats have saturated carbon chains.
- III. Saturated fatty acids are generally harmful for health

- a. Only I and II
- b. Only I and III
- c. Only II and III
- d. All I, II and III

88. In India, who is considered above the law of country? (+2, -0.5)

- a. President of India
- b. Prime Minister of India
- c. A wealthy person of India
- d. No option is correct.

89. Which among the following Article/Articles of Indian Constitution deals with Emergency provisions? (+2, -0.5)

- I. Article 352
  - II. Article 356
  - III. Article 360
- a. Only I
  - b. Both II and III
  - c. Both I and II
  - d. All I, II and III

90. The transport of soluble products of photosynthesis is called (+2, -0.5)

- 
- a. Transpiration
  - b. Translocation
  - c. Transportation

**d. Concentration**

---

**91.** Which feature of the cell allows or permits the entry and exit of some materials in and out of the cell? **(+2, -0.5)**

- a.** Cytoplasm
  - b.** Protoplasm
  - c.** Cell wall
  - d.** Plasma membrane
- 

**92.** In November 2017, Indian Government launched 'UMANG' mobile app. What does 'G' stand for in 'UMANG'? **(+2, -0.5)**

- a.** Government
  - b.** Governance
  - c.** Group
  - d.** Growth
- 

**93.** What is the name of first solar mission of Indian Space Research Organisation set to be launch in 2019? **(+2, -0.5)**

- a.** Halo L1
- b.** Aditya - L1
- c.** Corona - L1
- d.** Ravi - L1

---

94. In October 2017, SEBI directed the stock exchanges to impose how much fine/penalty on those companies which do not comply with the minimum public shareholding norms? (+2, -0.5)

- a. Rs. 5000 per day
- b. Rs. 12,000 per day
- c. Rs. 15,000 per day
- d. Rs. 20,000 per day

---

95. In January 2018, the Companies (Amendment) Act, 2017 was notified. Few provisions in the amendment Act have important bearing on the working of the \_\_\_\_\_ (+2, -0.5)

- a. Insolvency and Bankruptcy Code (IBC), 2016
- b. NABARD (amendment) Bill, 2017
- c. AMASR (amendment) Bill, 2017
- d. No option is correct.

---

96. Find the potential energy gained by a body of mass 25 kg, if it is raised by 5 m. (use  $g = 10 \text{ m/s}^2$ ) (+2, -0.5)

- a. 1250
- b. 50
- c. 625
- d. 25

---

97. If the acceleration due to gravity on the surface of earth is  $g$ , then the acceleration due to gravity on the surface of a planet whose mass is same as that of earth and radius is twice as that of earth is \_\_\_\_\_.

(+2, -0.5)

- a.  $g/4$
- b.  $g/2$
- c.  $4g$
- d.  $2g$

---

98. An \_\_\_\_\_ is a sudden shaking or trembling of the earth.

(+2, -0.5)

- a. thunderstorm
- b. cyclone
- c. earthquake
- d. hurricane

---

99. Which of the statements given below are correct?

(+2, -0.5)

- A) In 2017 Pro Kabaddi League, Suraj Desai played for Dabang Delhi.
  - B) Ryu So-yeon won the Golf 2017 WGC-Dell Technologies Match Play.
  - C) Ma Long won the 2017 World Table Tennis Championships Men's Singles.
- a. Only A
  - b. Only B

- c. Both A and C
  - d. None of these
- 

100. In Microsoft Word, \_\_\_\_\_ contains tools for standard tasks like saving, printing, cutting, copying, pasting etc. (+2, -0.5)

- a. Standard tool bar
- b. Menu bar
- c. Formatting tool bar
- d. Status bar

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## Answers

### 1. Answer: a

#### Explanation:

The correct answer is '1' i.e. error lies in the first part.

#### ★ Key Points

In part 1 of the sentence, the usage of 'fall' is incorrect. Instead, use 'fell'.

- According to grammar, whenever the time reference 'last night' is given we have to use the past simple tense.
- Let's see an example-
  - He **picked up** a metallic ring **last night**.

So the correct sentence is- *He **fell** over the ledge after drinking heavily **last night**.*

### 2. Answer: c

#### Explanation:

The correct answer is '3' i.e. error lies in the third part of the sentence.

#### ★ Key Points

In part 3 of the sentence, the usage of 'forcibly' is incorrect. Instead, use 'forced'.

- According to grammar, 'forcibly' is an adverb of the manner in the given sentence we don't need an adverb here we need a past participle to make it in the passive voice because the doer of the verb 'forced' is somebody else.

So the correct sentence is- *The Maldives has been buffeted by one political crisis after another since Nasheed, the first democratically elected president, was **forced** to quit in 2012.*

### 3. Answer: d

#### Explanation:

The correct answer is '**towards**'

#### ★ Key Points

- The correct preposition in the blank is '**towards**' which means 'in direction of' or 'If you move, look, or point towards something or someone, you move, look, or point in their direction.'
- Let's see an example-
  - Caroline leaned across the table **towards** him.

So the correct sentence is - *The path runs **towards** forests and mountains.*

### 4. Answer: c

#### Explanation:

The correct answer is '**Evoked**'

#### ★ Key Points

- Let's see the meaning of the given words-
  - **Repressed** → Subdue by force, restrain, prevent.
  - **Quelled** → Put an end to, typically by force.
  - **Evoked** → Bring or recall to the conscious mind.
  - **Halted** → Bring or come to an abrupt stop.
- So according to the meaning of the given words, the correct answer is '**Evoked**'

### 5. Answer: a

### Explanation:

The correct answer is '**Elegant**'

#### ★ Key Points

- Let's see the meaning of the given words–
  - **Debonair** → means 'confident, stylish, and charming'
  - **Elegant** → means 'graceful or stylish.'
  - **Awkward** → means 'hard to do or deal with.'
  - **Clumsy** → means 'awkward in movement or performance.'
  - **Difficult** → means 'not easy to please or satisfy awkward.'
- So according to the meaning of the given words, the correct answer is '**Elegant**'

---

### 6. Answer: c

### Explanation:

The correct answer is '**Engage**'

#### ★ Key Points

- Let's see the meaning of the given words–
  - **Rivet** → means 'join or fasten with a rivet or rivets.'
  - **Heavy** → means 'of great weight, difficult to lift, or move'
  - **Joyous** → means 'full of happiness or joy'
  - **Engage** → means 'attract or involve'
  - **Revolve** → means 'move in a circle on a central axis.'
- So according to the meaning of the given words, the correct answer is '**Engage**'

---

### 7. Answer: b

### Explanation:

The correct answer is '**Conceal**'

★ Key Points

- Let's see the meaning of the given words-
    - **Evince** → means 'reveal the presence of or indicate.'
    - **Conceal** → means 'not allow to be seen; hide; keep secret, prevent from, being known.'
    - **Declare** → means 'announce solemnly or officially make clearly known.'
    - **Prove** → means 'demonstrate by evidence or argument.'
    - **Manifest** → means 'clear or obvious to the eye or mind.'
  - So according to the meaning of the given words, the correct answer is '**Conceal**'
- 

8. Answer: a

Explanation:

The correct answer is '**Artful**'

★ Key Points

- Let's see the meaning of the given words-
    - **Candid** → means 'truthful and straightforward'
    - **Artful** → means 'cunningly clever or skillful'
    - **Free** → means 'not under the control or in the power of another.'
    - **Objective** → means 'not influenced by personal feelings or opinions in considering and representing facts.'
    - **Plain** → means 'not decorated or elaborated.'
  - So according to the meaning of the given words, the correct answer is '**Artful**'
- 

9. Answer: b

Explanation:

The correct answer is 'QRP'

★ Key Points

- *Greater competition* must be explained as to competition regarding or in what? Q satisfies this criterion and therefore, Q is first. Rule out 1) and 3). Note how P and R state contrasting conditions ( *expanding-contracting* ). Clearly, **others** will come after **some**. (e.g. A, B, and **others** ).

*So the correct sentence is-As a result of greater competition in the US computer industry, some computer companies are expanding while others are contracting.*

10. Answer: a

Explanation:

The correct answer is 'He was told to collect assignments by the teacher.'

★ Key Points

- In Active Voice , a sentence emphasizes the subject, performing an action.
- In Passive Voice , a sentence emphasizes the action or the object of the sentence.
- **In the given sentence**, the subject is 'the teacher' and the verb is 'told' i.e. in the past tense and the object is 'him' this object is an indirect object. 'to collect assignments' is an infinitive phrase and the subject for this phrase is 'him'
- As the structure for the passive sentence is- 'Be + V 3'

So the correct passive is- He was told to collect assignments by the teacher.

★ Additional Information

Verbs of passive format have a different set of tenses (\*V3 – Past participle or Third form of the Verb) as given below in the table:

| TENSE                      | ACTIVE                             | PASSIVE                | PASSIVE CONVERSION                    |
|----------------------------|------------------------------------|------------------------|---------------------------------------|
| Present Simple             | He plays football                  | am/is/are + V3         | Football is played by him             |
| Present Continuous         | He is playing football             | am/is/are + being + V3 | Football is being played by him       |
| Present Perfect            | He has played football             | Has/have + been + V3   | Football has been played by him       |
| Present Perfect Continuous | He has been playing football       | Not used and unusual.  | Not used and unusual                  |
| Past Simple                | He played football                 | Was/were + V3          | Football was played by him            |
| Past Continuous            | He was playing football            | Was/were + being + V3  | Football was being played by him      |
| Past Perfect               | He had played football             | Had + been + V3        | Football had been played by him       |
| Past Perfect Continuous    | He had been playing football       | Not used and unusual   | Not used and unusual                  |
| Future Simple              | He will play football              | Will + be + V3         | Football will be played by him        |
| Future Continuous          | He will be playing football        | Not used and unusual   | Not used and unusual                  |
| Future Perfect             | He will have played football       | Will have been + V3    | Football will have been played by him |
| Future Perfect Continuous  | He will have been playing football | Not used and unusual   | Not used and unusual                  |

11. Answer: d

## Explanation:

The correct answer is 'His mother said that she had not seen him for years.'

### ★ Key Points

The given sentence is in 'Direct speech' we need to follow the following steps while changing Direct speech.

- # The first person of reported speech is changed according to the pronoun of the reporting verb.
- Let's see an example-
  - She said, "I will go to London." (Direct speech)
  - She said that she would go to London. (Indirect speech)
- # The first-person pronoun of reported speech is not changed if the pronoun of the reporting verb is also the first person.
- Let's see an example-
  - I said, "I had applied for a job." (Direct speech.)
  - I said I had applied for a job. (Indirect speech.)
- # The second person pronoun of the reported speech is changed according to the 'object' of the reporting verb.
- Let's see an example-
  - She said to me, "You are a brilliant student." (Direct Speech)
  - She told me that I was a brilliant student. (Indirect Speech)
  - She said to them, "You are brilliant students" (Direct speech)
  - She told them that they are brilliant students. (Indirect speech)
- # The third person pronoun of the reported speech will not be changed in indirect speech.
- Let's see an example-
  - He said, "She will buy a pen." (Direct speech.)
  - He said that she would buy a pen. (Indirect speech.)
- If the reporting verb is in the past tense and the reported speech is not an idiom/phrase/universal truth/routine/historical fact etc. , the following changes will take place in the tense, time, and place of the reported speech.
- **So the correct Indirect speech is- His mother said that she had not seen him for years.**

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| DIRECT SPEECH              | INDIRECT SPEECH          |
|----------------------------|--------------------------|
| Simple Present             | Simple Past              |
| Simple Past                | Past Perfect             |
| Present Continuous         | Past Continuous          |
| Past Continuous            | Past Perfect Continuous  |
| Present Perfect            | Past Perfect             |
| Past Perfect               | No change                |
| Present Perfect Continuous | Past Perfect Continuous  |
| Past Perfect Continuous    | No change                |
| Will/Shall/Can/May         | Would/Should/Could/Might |
| Now                        | Then                     |
| Today                      | That day                 |

|           |                                |
|-----------|--------------------------------|
| Tomorrow  | The next day/The following day |
| Yesterday | The previous day               |
| Tonight   | That night                     |
| Hence     | Thence                         |
| Ago       | Before                         |
| Last      | The previous                   |
| Here      | There                          |
| This      | That                           |
| These     | Those                          |
|           |                                |

12. Answer: c

### Explanation:

The correct spelling is 'Questionnaire.'

### ★ Key Points

- The correct spelling is 'Questionnaire'

- **The meaning of the given word is-** A questionnaire is a written list of questions which are answered by a lot of people in order to provide information for a report or a survey.
  - Let's see an example-
    - Headteachers will be asked to fill in **a questionnaire**.
  - **So the correct answer is 'Option 3'**
- 

### 13. Answer: c

#### Explanation:

The correct answer is '**up**'

#### ★ Key Points

- The meaning of the given phrase '**take up**' is '**become interested or engaged in a pursuit.**'
- Let's see an example-
  - She **took up** tennis at the age of 11.

#### ★ Additional Information

- **Take in** : include or encompass something.
  - **Take down** : write down spoken words; dismantle and remove a structure.
  - **Take into** : To move or bring someone or something into the inside of something or some place.
- 

### 14. Answer: d

#### Explanation:

The correct answer is '**from**'

★ Key Points

- We have to revoke the suspension of ethics and morality \_\_\_\_\_ our lives by initiating a dialogue on it.
- In the given sentence, 'have to' is a modal verb, and 'revoke' is the main verb also, it is a transitive verb 'the suspension' is an object of the sentence. Hence, when we are taking out something from someone we use the preposition 'from' because it means 'indicating source or provenance'
- Hence, the correct answer is 'Option 4.'

---

15. Answer: c

Explanation:

The correct answer is '**Never**'

★ Key Points

- According to grammar, '**never**' is an adverb that means '**Not ever or not at all**'
- '**No**' is an adjective that means 'not any'
- '**None**' is an adverb that means 'no amount or not at all.'
- So according to the meaning and context the correct answer is '**Never**'

---

16. Answer: a

Explanation:

The correct answer is '**Responsibility**'

★ Key Points

- According to grammar, '*by*' is a preposition and '*anchoring*' is a gerund that is the prepositional object of the preposition. Also, '**moral**' is an adjective and we

know that whenever the adjective is written we need a noun for which adjective is going to qualify.

- Let's see the options-
  - *Responsibility is a noun.*
  - *Responsible is an adjective.*
  - *Responsibly is an adverb.*
  - *Responsory is a noun.*
- So according to the meaning of the given words, **the correct answer is 'Responsibility'**

---

## 17. Answer: d

### Explanation:

The correct answer is '**another**'

#### ★ Key Points

- '**One another**' is a pronoun that refers to
- Let's see an example-
  - They are highly suspicious of **one another**.
- So the correct answer is '**Option 4**'

---

## 18. Answer: b

### Explanation:

The correct answer is '**To be an irritant**'

#### ★ Key Points

- The meaning of the given idiom '**Get on somebody's nerves**' is- to become **extremely annoying to someone**
- Let's see an example-

- Stop whining. You're getting on my nerves.

---

19. Answer: d

**Explanation:**

The correct answer is 'Something which surprises, shocks, or offends people.'

★ Key Points

- The meaning of the given idiom 'Eyebrow raising' is- If something causes you to raise an eyebrow or to raise your eyebrows, it causes you to feel surprised or disapproving.
- Let's see an example-
  - An intriguing item on the news pages caused me to raise an eyebrow over my morning coffee

---

20. Answer: d

**Explanation:**

The correct answer is 'Irreverent'

★ Key Points

- Let's see the meaning of the given words-
  - **Solemn** → means 'not cheerful and dignified'
  - **Pious** → means 'devoutly religious'
  - **Devout** → means 'having or showing deep religious feeling or commitment'
  - **Irreverent** → means 'disrespectful'
- So according to the meaning of the given words, the correct answer is 'Irreverent'

21. Answer: d

**Explanation:**

The correct answer is '**Devious**'

★ Key Points

- Let's see the meaning of the given words-
  - **Scupulous** → means 'diligent, thorough, and attentive to details'
  - **Veracious** → means 'speaking or representing the truth; truthful'
  - **Authentic** → means 'undisputed origin or veracity; genuine.'
  - **Devious** → means 'skillfully using the underhand tactics'
- So according to the meaning of the given words, **the correct answer is 'devious'**

22. Answer: b

**Explanation:**

The correct answer is '**had made**'

★ Key Points

- **According to the grammar**, The Past Perfect tense expresses action in the past before another action in the past. This is the past in the past.
- **In the given sentence**, 'this move' expresses that something has done in the past which is completed in the present. Hence, we can say that this sentence should be written in the past perfect tense.

**So the correct sentence is-** *A monthly contribution by the boy's elder brother had made this move possible.*

23. Answer: b

## Explanation:

The correct answer is 'Had corrected'

### ★ Key Points

- **According to grammar**, the past perfect tense is used whenever 'The past perfect refers to a time earlier than before now. It is used to make it clear that one event happened before another in the past.'
- **In the given sentence**, the main clause 'he claimed' is in the past tense hence the subordinate clause is going to be the first instance which has happened hence it should be written in the past perfect tense because it is the past of past action.
- Let's see an example-
  - He was very **tired** because he **hadn't slept** well.

So the correct sentence is- He **claimed** that he **had corrected** the ringing on both the clocks.

---

## 24. Answer: c

## Explanation:

The correct answer is 'ACB'

### ★ Key Points

- *The last word of the fixed sentence is- 'my' that is a determiner and for this determiner, we need a noun that is written in the 'A' part only i.e. 'teacher'*
- *The last word of the 'A' part is 'very' i.e. it is an adverb hence for this adverb we need an adjective that is written in the 'C' and 'B' part but we have to choose the 'C' part because it makes the sentence meaningfully and contextually correct.*
- **So the correct sentence is-** *One of them said my teacher was being very strict; not all French were as strict as she was.*

25. Answer: b

**Explanation:**

The correct answer is '2'

★ Key Points

- The correct spelling is '**illiterate**'
- The meaning of the given word is- '**Unable to read or write**'
- Let's see an example-
  - A large percentage of the population is **illiterate**.

26. Answer: a

**Explanation:**

As Thursday and Friday are consecutive days, means Friday comes after Thursday,

Similarly,

Only Monday and Tuesday are consecutive days, means Tuesday comes after Monday,

Hence, Monday: Tuesday is the correct answer.

27. Answer: d

**Explanation:**

The pattern followed here is,

Second number = First number - 2

$$594 - 2 = 592$$

Similarly,

$$368 - 2 = 366$$

Hence, 366 is the correct answer.

---

## 28. Answer: b

### Explanation:

The pattern followed here is,

$$K + 1 = L$$

$$P + 1 = Q$$

$$V + 1 = W$$

Similarly,

$$B + 1 = C$$

$$O + 1 = P$$

$$Y + 1 = Z$$

Hence, 'CPZ' is the correct answer.

---

## 29. Answer: c

### Explanation:

Cauliflower, Potato and Brinjal are names of Vegetable,

Whereas Grapes is the Fruit,

Hence, Grapes is the odd one out.

---

**30. Answer: d**

**Explanation:**

The pattern followed here is,

Second number = First number + 4

$$39 + 4 = 43$$

$$23 + 4 = 27$$

$$31 + 4 = 35$$

$$35 + 4 = 39 \neq 37$$

Hence, '35 - 37' is the odd one out.

---

**31. Answer: b**

**Explanation:**

The pattern followed here is,

$$G + 3 = J; J + 3 = M; M + 3 = P;$$

$$H + 3 = K; K + 3 = N; N + 4 = R;$$

$$P + 3 = S; S + 3 = V; V + 3 = Y;$$

$$N + 3 = Q; Q + 3 = T; T + 3 = W;$$

Hence, 'HKNR' is the odd one out.

---

**32. Answer: d**

**Explanation:**

As per the dictionary order,

- 1) Tele **p**hone
- 2) Tele **w**orker
- 4) Te **m**perature
- 3) Te **n**dency
- 5) T **h**emselves

Hence, 12435 is the correct order.

---

**33. Answer: b**

**Explanation:**

The pattern followed here is,

$$4 + 1 = 5;$$

$$5 + 3 = 8;$$

$$8 + 1 = 9;$$

$$9 + 3 = 12;$$

$$12 + 1 = 13;$$

$$13 + 3 = \underline{16}$$

Hence, 16 is the correct answer.

**34. Answer: d**

**Explanation:**

The pattern followed here is,

First letter of each word:

$E - 1 = D$ ;  $D - 1 = C$ ;  $C - 1 = \mathbf{B}$ ;  $B - 1 = A$

Second letter of each word:

$G - 1 = F$ ;  $F - 1 = E$ ;  $E - 1 = \mathbf{D}$ ;  $D - 1 = C$

Third letter of each word:

$L - 1 = K$ ;  $K - 1 = J$ ;  $J - 1 = \mathbf{I}$ ;  $I - 1 = H$

Hence, BDI is the correct answer.

**35. Answer: b**

**Explanation:**

Let weight of Shivam be 'x'.

Weight of Tipu is twice of the weight of Shivam:  $2x$ ,

Weight of Roma is twice of the weight of Tipu:  $4x$ ,

Weight of Karan is one-fourth of the weight of Roma: 'x',

Weight of Alok is twice the weight of Karan:  $2x$

Hence, weight of Roma is greater than all other persons.

Hence, 4 is the correct answer.

**36. Answer: d**

**Explanation:**

- 1) Come: **COM** PATIBL **E**, hence the word can be formed.
- 2) Pat: COM **PAT** IBLE, hence the word can be formed.
- 3) Time: CO **MPA** TI BL **E**, hence the word can be formed.
- 4) Most: 'S' is not present in COMPATIBLE; hence the word cannot be formed.

Hence, 'Most' word cannot be formed using the letters of the given word.

---

**37. Answer: b**

**Explanation:**

The pattern followed here is,

$$W + A + R + D = 23 + 1 + 18 + 4 = 46; 46 - 2 = 44$$

$$L + O + A + D = 12 + 15 + 1 + 4 = 32; 32 - 2 = 30$$

$$B + R + I + T = 2 + 18 + 9 + 20 = 49; 49 - 2 = \mathbf{47}$$

Hence, '47' is the correct answer.

---

**38. Answer: b**

**Explanation:**

As per the given information,

|         |   |   |   |   |
|---------|---|---|---|---|
| SYMBOLS | - | + | × | ÷ |
| CODES   | × | ÷ | - | + |

Given:  $12 - 2 + 6 \times 20 \div 18$

Changing symbols as per the given information

We get,

$$12 \times 2 \div 6 - 20 + 18$$

Using BODMAS rule,

$$12 \times \frac{1}{3} - 20 + 18$$

$$= 4 - 20 + 18$$

$$= 22 - 20$$

$$= 2$$

Hence, 2 is the correct answer.

### 39. Answer: a

#### Explanation:

Changing symbols as per the given options,

$$1) 18 \div 2 - 25 + 9 \times 6 = 38 = 38$$

$$2) 18 + 2 - 25 \times 9 \div 6 = -17.5 \neq 38$$

$$3) 18 \div 2 + 25 \times 9 - 6 = 228 \neq 38$$

$$4) 18 \times 2 - 25 \div 9 + 6 = 39.22 \neq 38$$

Hence, '+' and '×' is the correct answer.

---

**40. Answer: a**

**Explanation:**

The pattern followed here is,

$$18 - 12 = 6; 6 \div 2 = 3$$

$$2 - 14 = -12; -12 \div 2 = -6$$

$$4 - 4 = 0; 0 \div 2 = 0$$

Similarly,

$$2 - 16 = -14 \div 2 = -7$$

Hence, -7 is the correct answer.

---

**41. Answer: d**

**Explanation:**

The pattern followed here is,

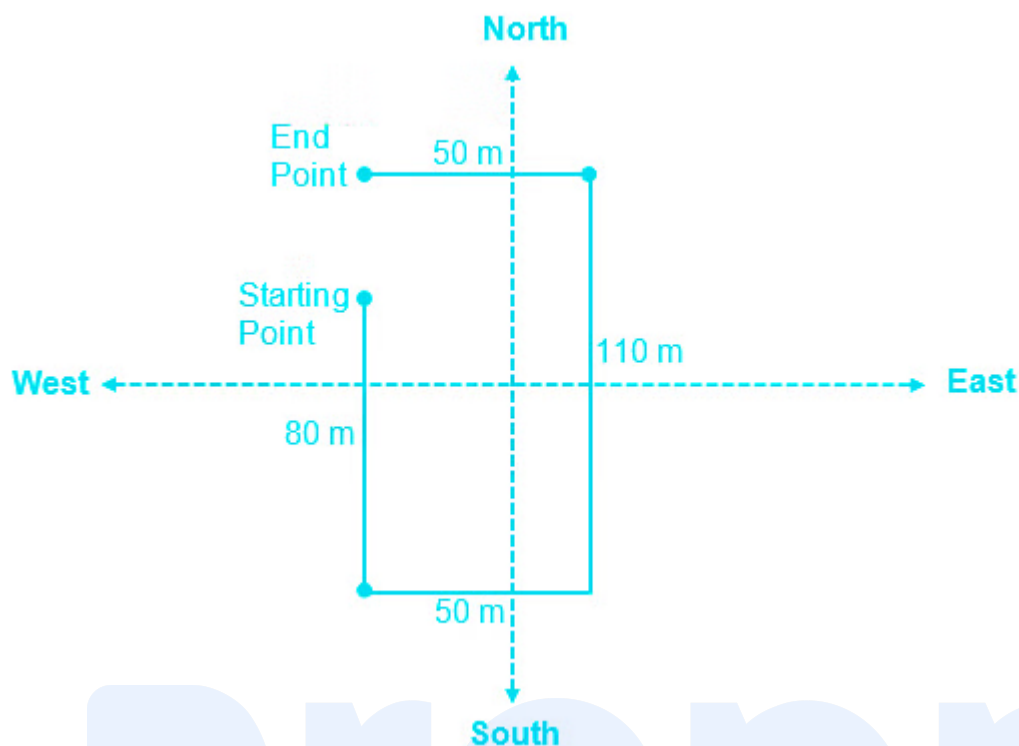
|   |          |          |          |          |          |          |   |
|---|----------|----------|----------|----------|----------|----------|---|
| P | <u>Q</u> | P        | P        | P        | P        | P        | Q |
| P | P        | <u>Q</u> | P        | P        | P        | P        | Q |
| P | P        | P        | <u>Q</u> | P        | P        | P        | Q |
| P | P        | P        | P        | <u>Q</u> | P        | P        | Q |
| P | P        | P        | P        | P        | <u>Q</u> | P        | Q |
| P | P        | P        | P        | P        | P        | <u>Q</u> | Q |

Hence, 'PPPPPPQQ' is the correct answer.

42. Answer: a

Explanation:

As per the given information,

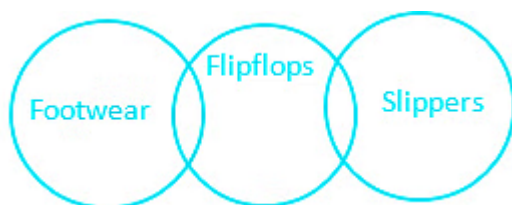


Hence, woman is 30 m north to her starting position.

43. Answer: d

**Explanation:**

The least possible diagram of this question is as follows,



**Conclusion:**

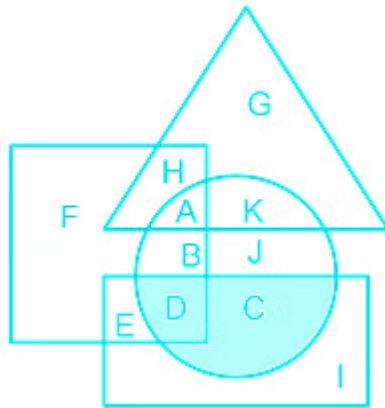
I: All slippers are footwear → False, it is possible, but not definite.

II: All footwear are slippers → False, it is possible, but not definite.

Hence, neither conclusion I nor conclusion II follows.

44. Answer: b

Explanation:



Hence, letters DC represents technicians who are bakers.

45. Answer: d

Explanation:

The pattern followed here is,

First letter of each word:  $H + 4 = L$ ;  $L + 4 = P$ ;  $P + 4 = T$ ;  $T + 4 = X$

Second letter of each word:  $T + 4 = X$ ;  $X + 4 = B$ ;  $B + 4 = F$ ;  $F + 4 = J$

Third letter of each word:  $C + 4 = G$ ;  $G + 4 = K$ ;  $K + 4 = O$ ;  $O + 4 = S$

Hence, 'XJS' is the correct answer.

46. Answer: b

Explanation:

The pattern followed here is,

$$2 + 2 = 4;$$

$$4 + 2 = 6;$$

$$6 + 2 = 8;$$

$$8 + 2 = 10;$$

$$10 + 2 = 12$$

Hence, 10 is the correct answer.

---

**47. Answer: c**

**Explanation:**

The pattern followed here is,

1) (11, 13, 15):  $11 + 2 = 13$ ;  $13 + 2 = 15$

2) (16, 18, 20):  $16 + 2 = 18$ ;  $18 + 2 = 20$

3) (13, 15, 18):  $13 + 2 = 15$ ;  $15 + 3 = 18$

4) (22, 24, 26):  $22 + 2 = 24$ ;  $24 + 2 = 26$

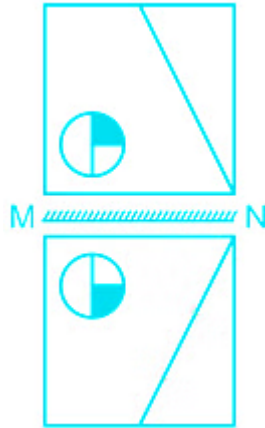
Hence, (13, 15, 18) is the correct answer.

---

**48. Answer: d**

**Explanation:**

If a mirror is placed along MN line, then, we will get the following mirror image.

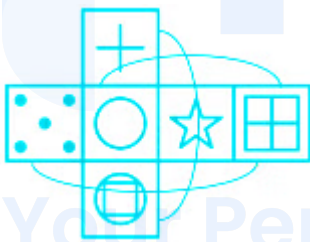


Hence, image (4) is the correct answer.

49. Answer: c

Explanation:

As per the given information,



Hence, image 3 is odd one out.

50. Answer: b

Explanation:

1) 14, 56, 10, 56 → D, P, I, P

2) 67, 86, 32, 41 → S, O, C, K

3) 42, 59, 14, 78 → H, S, D, V

4) 21, 68, 22, 57  $\rightarrow$  M, R, A, P

Hence, '67, 86, 32, 41' is the correct answer.

---

**51. Answer: d**

**Explanation:**

**Calculation:**

Let the number be  $x$

According to the question,

$$\Rightarrow x - 39 = 79 - x$$

$$\Rightarrow 2x = 118$$

$$\Rightarrow x = 118/2$$

$$\Rightarrow x = 59$$

$\therefore$  the number is 59.

**★ Shortcut Trick**

The number will be the average of the given numbers.

$$\text{The number} = (39 + 79)/2 = 59$$

$\therefore$  The required number is 59.

---

**52. Answer: a**

**Explanation:**

$$\text{Given, } (1/3.197) = 0.3127$$

$$\therefore (1/0.0003197) = (1/3.197) \times 10000 = 0.3127 \times 10000 = 3127$$

---

**53. Answer: b**

**Explanation:**

$$4x + 3y = 0$$

When  $x = 0$  then  $y = 0$

When  $x = -3$  then  $y = 4$

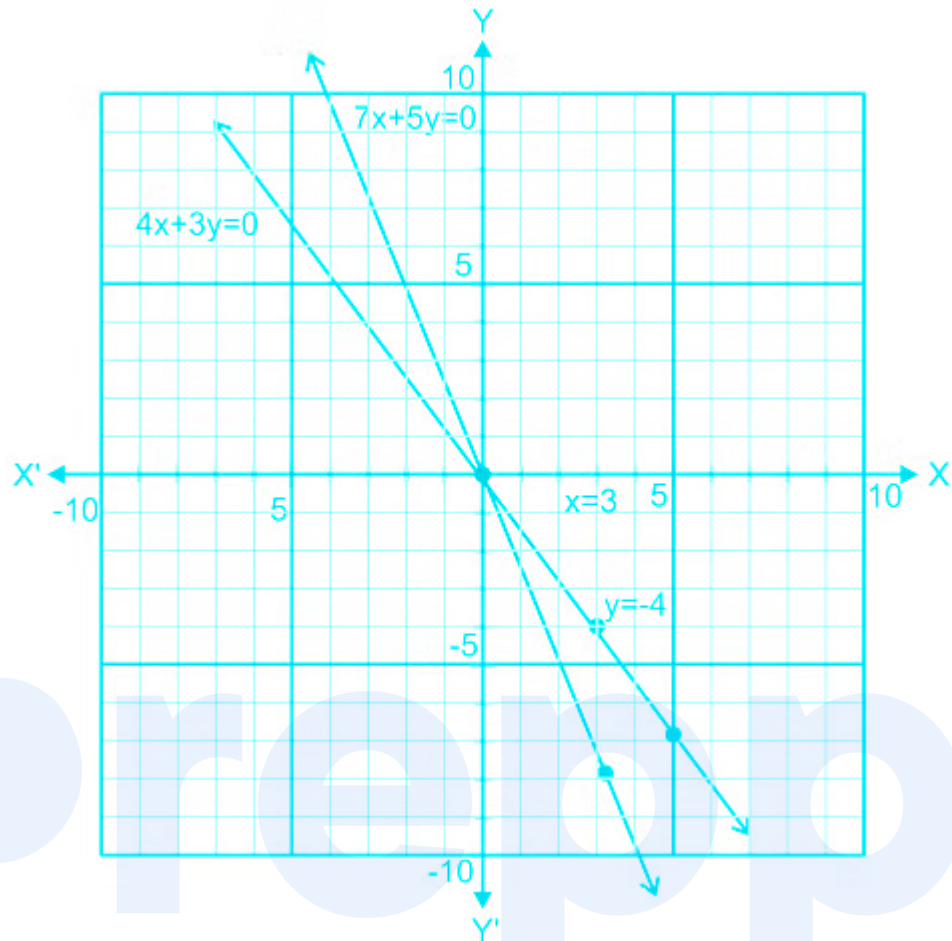
$$\text{And, } 7x + 5y = 0$$

When  $x = 0$  then  $y = 0$

When  $x = 5$  then  $y = -7$

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The two lines  $4x + 3y = 0$  and  $7x + 5y = 0$  will intersect each other at one point only in their graphical representation.

### ★ Alternate Method

Given equation are  $4x + 3y = 0$  and  $7x + 5y = 0$ .

$$a_1/a_2 \neq b_1/b_2 \Rightarrow 4/7 \neq 3/5$$

In this situation, the equation will have a unique solution. If we remember this, there is no need to sketch any graph.

54. **Answer: a**

**Explanation:**

**Concept:**

For infinite solutions,

$$a_1/a_2 = b_1/b_2 = c_1/c_2$$

**Calculation:**

Line  $px + 6y + 3 = 0$  when compared with  $a_1x + b_1y + c_1 = 0$

So,  $a_1 = p$ ,  $b_1 = 6$  and  $c_1 = 3$

Line  $2x + qy + 3 = 0$  when compared with  $a_2x + b_2y + c_2 = 0$

So,  $a_2 = 2$ ,  $b_2 = q$  and  $c_2 = 3$

$$\Rightarrow p/2 = 6/q = 3/3$$

$$\Rightarrow p/2 = 3/3$$

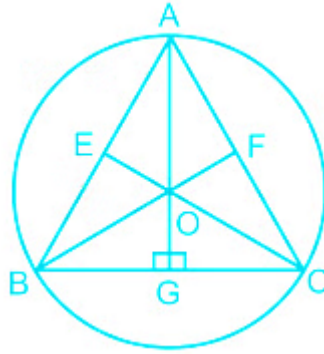
$$\Rightarrow p = 2$$

$$\text{And, } 6/q = 3/3$$

$$\Rightarrow q = 6$$

So, value of  $p$  and  $q = 2, 6$

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



Equilateral triangle has maximum area when inscribed inside the circle of the same radius

Let the radius of circle  $AO = BO = CO = 2r$  and side of triangle is  $a$

In equilateral triangle medians intersect in ratio  $2 : 1$ ,

$$\text{So, } OG = AO/2 = 2r/2 = r$$

$$\Rightarrow BG^2 = BO^2 - OG^2$$

$$\Rightarrow BG^2 = (2r)^2 - (r)^2$$

$$\Rightarrow BG^2 = 4r^2 - r^2$$

$$\Rightarrow BG^2 = 3r^2$$

$$\Rightarrow BG = \sqrt{3}r$$

$$\Rightarrow BC = 2 \times BG = 2\sqrt{3}r = AB = CA$$

$$\therefore \text{Area of equilateral triangle } ABC = (\sqrt{3})/4 \times (\text{side})^2 = (\sqrt{3})/4 \times (2\sqrt{3}r)^2 = (\sqrt{3})/4 \times 12r^2 = 3\sqrt{3}r^2$$

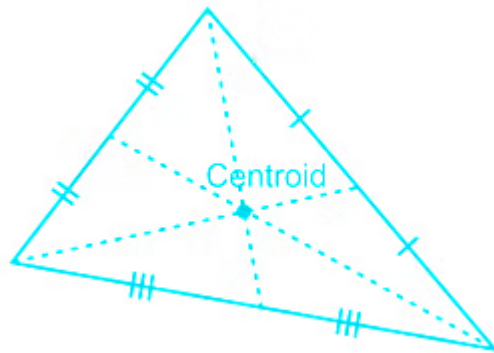
56. Answer: c

Explanation:

Concept used:

Each median divides the other median in the ratio of 2 : 1.

Calculation:



According to the theorem,

Each median divides the other median in the ratio of 2 : 1.

∴ Option 3 is the correct answer.

57. Answer: a

Explanation:

Calculation:

Let B = 100

So, A = (100 + 40)% of B = 140% of 100 = 140

∴ Required % =  $(140 - 100)/140 \times 100 = 2/7 \times 100 = 28.57\%$

★ Alternate Method

A = 140% of B

⇒  $A/B = 7/5$

The difference = 7 - 5 = 2 units.

The percentage difference =  $\frac{2}{7} \times 100 = 28.57\%$

---

**58. Answer: c**

**Explanation:**

Given:

$$\left(\frac{4}{5}\right)A = 3B = \left(\frac{2}{3}\right)C$$

Calculation:

$$\left(\frac{4}{5}\right)A = 3B = \left(\frac{2}{3}\right)C = K \text{ (Let)}$$

$$\Rightarrow A = \frac{5K}{4}, B = \frac{K}{3}, C = \frac{3K}{2}$$

$$\Rightarrow \text{Ratio} = 5K/4 : K/3 : 3K/2$$

$$\Rightarrow 12 \times 5K/4 : 12 \times K/3 : 12 \times 3K/2$$

$$\Rightarrow 15 : 4 : 18$$

---

**59. Answer: d**

**Explanation:**

Given:

A mixture contains 7% alcohol

Calculation:

$$\text{Alcohol} = 7\% = 357 \text{ litres}$$

$$\Rightarrow 1\% = 357/7 = 51 \text{ litres}$$

$$\text{Total mixture} = 100\% = 5100 \text{ litres.}$$

∴ The correct answer is 5100

---

**60. Answer: c**

**Explanation:**

$$\therefore \text{Average} = (36 + 43 + 51 + 68 + 77)/5 = 275/5 = 55$$

★ Alternate Method

Deflection method:

Let the average be 51.

$$\text{The total deflection} = (51 - 36) + (51 - 43) + (51 - 51) + (51 - 68) + (51 - 77)$$

$$\Rightarrow 15 + 8 + 0 - 17 - 26$$

$$\Rightarrow -20$$

$$\text{Correct average} = 51 + 20/5 = 55$$

---

**61. Answer: d**

**Explanation:**

Concept used:

- Simple interest =  $(P \times T \times R)/100$ , where P = principal, T = time, R = rate
- Amount = Simple interest + Principal

Calculation:

According to the question,

$$\text{S.I.} = \text{Amount} - \text{Principal} = 77P/50 - P = 27P/50$$

$$\Rightarrow 27P/50 = (P \times R \times 18)/(100 \times 5)$$

$$\therefore R = 30/2 = 15\%$$

---

**62. Answer: c**

**Explanation:**

Given:

The ratio of Cost price and Selling price is 15 : 18

**Concept used:**

- Profit% =  $(S.P - C.P)/C.P \times 100$

**Calculation:**

According to the question,

C.P = 15 unit and S.P = 18 unit

$$\text{Profit \%} = (18 - 15)/15 \times 100 = 20\%$$

$\therefore$  The correct answer is 20%

---

**63. Answer: b**

**Explanation:**

Scheme I. Two successive discounts of 20% and 25%

$$\text{So, effective discount for scheme I is} = 20 + 25 - (20 \times 25)/100 = 45 - 5 = 40\%$$

Scheme II. Buy 5 get 3 free

So, effective discount for scheme II is =  $(\text{Article get free})/(\text{Total articles}) \times 100 = 3/(5 + 3) \times 100 = 37.5\%$

Scheme III. Buy 5 get 6

So, effective discount for scheme III is =  $(\text{Article get free})/(\text{Total articles}) \times 100 = 1/(6) \times 100 = 16.67\%$

So, answer is Scheme I.

---

**64. Answer: b**

**Explanation:**

**Calculation:**

$$9^x = \sqrt[11]{243}$$

$$\Rightarrow (3)^{22x} = (3)^5$$

$$\Rightarrow x = 5/22$$

$\therefore$  The value of  $x = 5/22$

---

**65. Answer: a**

**Explanation:**

**Concept used:**

Total work = Efficiency  $\times$  Time

**Calculation:**

Time taken by M to complete  $3/4$  part of a work = 12 days

Time taken by M to complete whole work =  $12 \times 4/3 = 16$  days

Time taken by N to complete  $\frac{2}{7}$  part of a work = 8 days

Time taken by N to complete whole work =  $8 \times \frac{7}{2} = 28$  days

Total work = LCM of 16, 28 = 112 units

Efficiency of M =  $112/16 = 7$  units/day

Efficiency of N =  $112/28 = 4$  units/day

Efficiency of M and N together =  $7 + 4 = 11$  units/day

$\therefore$  Time taken by M and N together to complete  $\frac{11}{14}$  part of work =  $\frac{11}{14} \times 112 \times \frac{1}{11} = 8$  days

66. Answer: a

Explanation:

Given:

The train travels from a place X at 7:00 a.m to place Y at 1:00 p.m,

Speed of the train = 15 m/s

Concept used:

Speed = Distance/Time

Calculation:

Time taken by train = 6 hours

Speed of train = 15 m/s =  $15 \times \frac{18}{5} = 54$  km/hr

Speed of train = Distance/Time

$\Rightarrow 54 = \text{Distance}/6$

$\therefore \text{Distance} = 54 \times 6 = 324$  km

67. Answer: d

**Explanation:**

∴ As shown in the , the value of A is 180 which is highest. So answer = A.

---

68. Answer: b

**Explanation:**

Total No. of employees = Employees in (A + B + C + D + E + F + G)

Total expenditure = 180 + 20 + 20 + 160 + 20 + 80 + 120

∴ Total expenditure = 600

---

69. Answer: a

**Explanation:**

∴ The central angle of the sector representing F is =  $80/600 \times 360 = 48^\circ$

---

70. Answer: c

**Explanation:**

Calculation:

Average salary of employees = 6000 \$

Total no. of employees = 600

$$\therefore \text{Total of the salary paid (million)} = 600 \times 6000 / 1000000 = 36 / 10 = 3.6 \text{ million}$$

---

**71. Answer: a**

**Explanation:**

**Given:**

Area =  $54 \text{ cm}^2$ , the two parallel sides of a trapezium are 8 cm and 10 cm

**Concept used:**

$$\text{Area} = \frac{1}{2} \times (\text{sum of parallel sides}) \times (\text{Distance between parallel sides})$$

**Calculation:**

According to the question,

$$\Rightarrow 54 = \frac{1}{2} \times (8 + 10) \times (\text{Distance between parallel sides})$$

$$\therefore \text{Distance between parallel sides} = 54 / 9 = 6 \text{ cm}$$

---

**72. Answer: b**

**Explanation:**

**Given:**

The circumference of a circle is 22 cm

**Concept used:**

- Circumference of circle =  $2\pi r$
- Area of circle =  $\pi r^2$

Where  $r$  = radius and  $\pi = 22/7$

**Calculation:**

$$\text{Circumference of circle} = 2\pi r = 2 \times \frac{22}{7} \times r = 22$$

$$\Rightarrow r = 3.5 \text{ cm}$$

$$\therefore \text{Area of circle} = \pi r^2 = \frac{22}{7} \times 3.5 \times 3.5 = 38.5 \text{ cm}^2$$

---

**73. Answer: d**

**Explanation:**

**Given:**

$$\text{Total surface area of cube} = 337.5 \text{ cm}^2$$

**Formula used:**

$$\text{The total surface area of the cube} = 6a^2$$

**Calculation:**

$$\Rightarrow 6a^2 = 337.5$$

$$\Rightarrow a^2 = 56.25$$

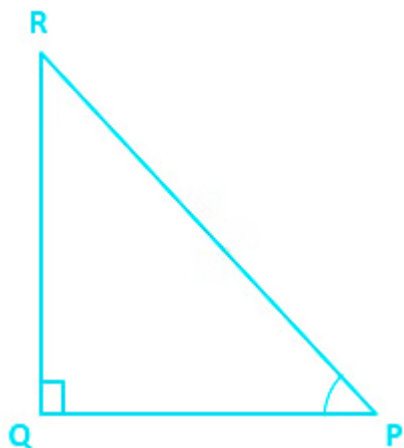
$$\Rightarrow a = 7.5 \text{ cm}$$

$\therefore$  Option 4 is the correct answer.

---

**74. Answer: c**

**Explanation:**

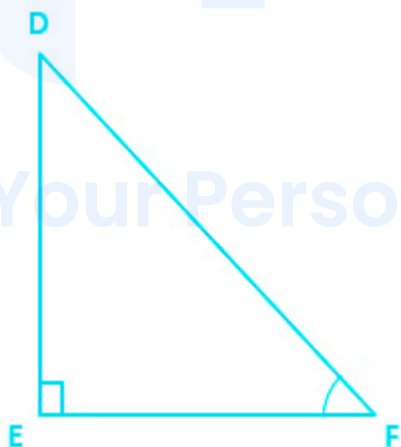


$$\angle P = 180^\circ - (\angle Q + \angle R) = 180^\circ - (90^\circ + 45^\circ) = 45^\circ$$

$$\therefore \tan P - 1/2 = \tan 45^\circ - 1/2 = 1 - 1/2 = 1/2$$

75. Answer: c

Explanation:



Concept used:

- $\sec \theta = \text{hypotenuse}/\text{base}$
- $\text{co sec } \theta = \text{hypotenuse}/\text{perpendicular}$

Calculation:

$$\sec D = 25/7 = DF/DE$$

$$\therefore \operatorname{cosec} F = DF/DE = 25/7$$

---

**76. Answer: d**

**Explanation:**

The International Bank of Reconstruction and Development (IBRD) and the International Development Association are a part of the World Bank group that began operation in 1944 and was formed to reduce poverty by promoting international trade and capital investment.

---

**77. Answer: c**

**Explanation:**

- MSP is the minimum price at which the government purchases the food grains from the farmers.
  - CACP was earlier named as Agricultural Prices Commission and came into existence in January 1965.
  - Its current chairman is Prof. Vijaya Paul Sharma.
- 

**78. Answer: c**

**Explanation:**

Following are the highest peaks of the above mentioned countries

|              |                               |
|--------------|-------------------------------|
| South Africa | Mafadi (3450 m)               |
| Panama       | Volcan Baru (3475 m)          |
| Sri Lanka    | Pidurutalagala (2524 m)       |
| Cambodia     | Pnohm Aural Mountain (1810 m) |

---

**79. Answer: d**

**Explanation:**

The Betwa or Betravati is a tributary of the Yamuna. It rises in the Vindhya Range just north of Hoshangabad in Madhya Pradesh and flows north-east through Madhya Pradesh and Orchha to Uttar Pradesh. Other rivers that flow from South to North are Narmada, Chambal, Son and Tugabhadra.

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**80. Answer: c**

**Explanation:**

Sikhism is based on the spiritual teachings of Guru Nanak, the first Guru and the nine Sikh gurus that succeeded him. The Tenth Guru, Guru Gobind Singh, named the Sikh scripture Guru Granth Sahib as his successor, terminating the line of human Gurus and making the scripture the eternal, religious spiritual guide for Sikhs. It was founded in 15-16<sup>th</sup> century.

---

**81. Answer: a**

**Explanation:**

Jizya is a tax levied by the Muslim rulers on certain permanent Non-Muslim residents of the Muslim territory under Islamic law. The Umayyad general Muhammad-bin-Qasim, introduced the jizya in India in 712 A.D. when he conquered Sind. It was abolished by Akbar.

---

**82. Answer: a**

**Explanation:**

Mangalampalli Balamuralikrishna was an Indian Carnatic vocalist, musician, multi-instrumentalist, playback singer, composer, and actor. He was awarded the Madras Music Academy's Sangeetha Kalanidhi in 1978. He has won two National Film Awards (1976, 1987), the Sangeet Natak Akademi Award in 1975, the Padma Vibhushan in 1991.

---

**83. Answer: a**

**Explanation:**

India and the United States, in March 2017 agreed to implement the programme for Helicopter Operations from Ships. The decision was taken by Defense Minister Nirmala Sitharaman and her US Counterpart Jim Mattis during their meeting in Philippines in 2017.

---

**84. Answer: d**

### Explanation:

Andhra Pradesh Chief Minister N Chandrababu Naidu received the 'Golden Peacock Award' at a convention in London in October 2017. The Golden Peacock Award, instituted by the Institute Of Directors (IOD), India in 1991, are claimed to be regarded as a benchmark of corporate excellence worldwide.

---

### 85. Answer: a

### Explanation:

Yangon served as the capital of Myanmar until 2006, when the military government relocated the capital to the purpose-built city of Naypyidaw in central Myanmar. The city is also home to the gilded Shwedagon Pagoda that is Myanmar's most sacred Buddhist pagoda.

---

### 86. Answer: d

### Explanation:

#### Explanation:

- Valance Electrons: A valence electron is simply the total number of electrons present in the outermost shell of an atom.
- Valency: Valency is the number of electrons an atom loses, gains or shares with other atoms in order to get a stable configuration.

For example–

Atomic Configuration of Carbon (C) is ( 6 ) = 2,4

- The valency of Carbon will be 4 as it needs 4 more electrons to get a stable configuration.

- The number of valence electrons in carbon is also four as its outermost shell contains 4 electrons.

Atomic Configuration of Nitrogen N ( 7 ) = 2,5

The valency of nitrogen is 3 as it needs 3 more electrons to complete its octet but the number of valence electrons in nitrogen is 5.

So,

It can be losing, gaining or sharing of electrons.

---

**87. Answer: d**

**Explanation:**

Saturated fats are simply fat molecules that have no double bonds between carbon molecules because they are saturated with hydrogen molecules. Saturated fats are typically solid at room temperature. Some food items that contain saturated fats are fatty beef, pork, lamb etc.

---

**88. Answer: d**

**Explanation:**

Article 14 of the Indian Constitution guarantees an equality before law and equal protection by law as a fundamental right. This right cannot be breached and the Supreme Court holds the power to issue one of the five writs provided under Article 32 of the Constitution in case of any breach.

---

**89. Answer: d**

**Explanation:**

|             |                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Article 352 | National Emergency, declared when security of India or any part is threatened whether by war or external aggression or an armed rebellion          |
| Article 356 | State Emergency, declared when the Governor feels that State Government is violating the Constitution                                              |
| Article 360 | Financial Emergency, declared when a situation has arisen whereby the financial stability or the credit of India or any part thereof is threatened |

90. Answer: b

Explanation:

- Translocation is the movement of materials from leaves to other tissues throughout the plant.
- Plants produce carbohydrates in their leaves by photosynthesis, but non-photosynthetic parts of the plant also require carbohydrates and other organic and nonorganic materials.

91. Answer: d

Explanation:

- The plasma membrane allows or permits the entry and exit of some materials in and out of the cell.
- Some substances like  $\text{CO}_2$  or  $\text{O}_2$  gases can move across the cell membrane by a process called diffusion.

**92. Answer: b**

**Explanation:**

UMANG or Unified Mobile Application for New-age Governance, is a Government of India all-in-one single unified secure multi-channel multi-platform multi-lingual multi-service freeware mobile app for accessing over 1,200 central and state government services in multiple Indian languages services such as AADHAR, Digi Locker etc.

---

**93. Answer: b**

**Explanation:**

- Aditya (which means Sun) or Aditya-L1 is a spacecraft whose mission is to study the Sun.
  - It was conceptualised by the Advisory Committee for Space Research in January 2008.
  - It has been designed and will be built in collaboration between Indian Space Research Organisation and various Indian research organizations and will be launched by ISRO around 2019 or 2020.
  - This will be the first Indian space mission to study the Sun, and also the first Indian mission to be placed at Lagrangian point L1
- 

**94. Answer: a**

**Explanation:**

SEBI, in October 2017 announced that non-compliant companies with regard to Minimum Public Shareholding norms will have to pay a fine of ₹5,000 a day. In addition, the entire promoter holding, except for compliance to MPS, will be frozen

by depositories, and the promoter group and directors of the particular company will not be allowed to hold any position in other companies.

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**95. Answer: a**

**Explanation:**

- The Amendment Act now allows companies to issue shares at a discount to its creditors when its debt is converted into shares in pursuance of any statutory resolution plan such as resolution plan under the Code or debt restructuring scheme.
  - The Amendment Act now requires that where a company has defaulted in payment of dues to any bank or public financial institution or non-convertible debenture holders or any other secured creditor, the prior approval of the bank or public financial institution concerned or the non-convertible debenture holders or other secured creditor, as the case may be.
- 

**96. Answer: a**

**Explanation:**

The gravitational potential energy of an object is the 'stored energy' that the object has by being at that height. This is equivalent to its mass times the force of gravity, 'g' times the height of the object. This means following is the formula:

Potential energy = mass  $\times$  gravity  $\times$  height.

Potential Energy =  $25 \times 10 \times 5 = 1250 \text{ J}$

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**97. Answer: a**

**Explanation:**

### Concept-

#### Acceleration due to Gravity:

- The force of attraction exerted by the earth on a body is called gravitational pull or gravity. We know that when a force acts on a body, it produces acceleration. Therefore, a body under the effect of gravitational pull must accelerate.

#### Acceleration due to gravity at the surface of the earth is –

$$g = \frac{GM}{R^2}$$

#### Explanation –

As we know that acceleration due to gravity at the surface of the earth is

$$g = \frac{GM}{R^2}$$

Given –  $M_1 = M$  and  $R_1 = 2R$

$$\therefore g' = \frac{GM}{(2R)^2} = \frac{GM}{4R^2} = \frac{g}{4}$$

98. Answer: c

#### Explanation:

An earthquake is the shaking of the surface of the Earth, resulting from the sudden release of energy in the Earth's lithosphere that creates seismic waves. Earthquakes can range in size and are measured in Richter Scale.

99. Answer: c

#### Explanation:

- The 2017 WGC–Dell Technologies Match Play was the 19th WGC Match Play, played March 22–26 at Austin Country Club in Austin, Texas.
  - It was the second of four World Golf Championships in 2017.
  - Dustin Johnson won the final 1 up over Jon Rahm.
- 

**100. Answer: a**

**Explanation:**

The standard toolbar provides a quick shortcut to many frequently used functions. You can customize the buttons that appear on the standard toolbar using the customize toolbar menu item. Standard toolbar functions are file commands, window commands etc.

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