

# 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



BPS



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

# SSC GD Constable 2021 (English) Prev. Year Paper (08-Dec-2021) (Shift 3)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

## Instructions

Sl No.	Section Name	No. of Question	Maximum Marks	Negative Marks	Positive Marks
1	General Intelligence and Reasoning	25	25	0.25	1
2	General Knowledge and General Awareness	25	25	0.25	1
3	Elementary Mathematics	25	25	0.25	1
4	English	25	25	0.25	1

- 1.) A total of 90 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.

## General Intelligence and Reasoning

1. In a certain code language, MELON is written as TCSKU and CHAMP is written as JFHIW. How will FAMISH be written as in that language? (+1, -0.25)

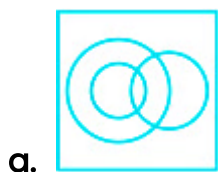
- a. MYTEZB
- b. NXTEBY
- c. NZSFYH
- d. MYTEBZ

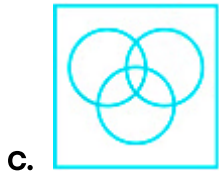
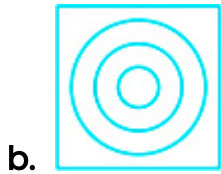
2. When a number is added to thrice its preceding number, and the sum of these two numbers is divided by 5, 13 is obtained as the result. Find that number. (+1, -0.25)

- a. 7
- b. 17
- c. 15
- d. 13

3. Select the Venn diagram that best represents the relationship between the following classes. (+1, -0.25)

Men, Fathers, Doctors





4. A class has a total of 30 students. Aaditya is at 11<sup>th</sup> rank in merit order from the top. What is the rank of Aaditya from the bottom? (+1, -0.25)

- a. 17<sup>th</sup>
- b. 19<sup>th</sup>
- c. 20<sup>th</sup>
- d. 18<sup>th</sup>

5. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different. (+1, -0.25)

- a. BDHN
- b. ZAEJ
- c. WYCI

d. HJNT

---

6. Identify the number that does NOT belong to the following series. (+1, -0.25)

7, 7, 21, 105, 730, 6615

a. 6615

b. 21

c. 730

d. 105

---

7. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster. (+1, -0.25)

FELT : PAVP :: SACK : ?

a. BXMH

b. CXNG

c. CWMG

d. BWNH

---

8. Select the number from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)

10, 11, 19, 46, 110, ?

a. 225

b. 235

---

c. 240

d. 234

- 
9. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series. (+1, -0.25)

Q \_ T J \_ Q R \_ J C \_ R T \_ C Q \_ T \_ C

a. R C J Q J R R

b. R C Q T J R J

c. R C T Q J R J

d. C R T Q J R J

- 
10. 'Hot' is related to 'Cold' in the same way as 'Heavy' is related to '-----'. (+1, -0.25)

a. Light

b. Big

c. Small

d. Short

- 
11. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)

AD, EH, ?, MP

a. IL

- b. IJ
- c. JK
- d. KJ

12. Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown. (+1, -0.25)



- a. SHONPAN
- b. SHOPPAN
- c. SHONPAN
- d. SHONPAN

Your Personal Exams Guide

13. Select the option in which the given figure is embedded (rotation is NOT allowed). (+1, -0.25)



- a.
- b.



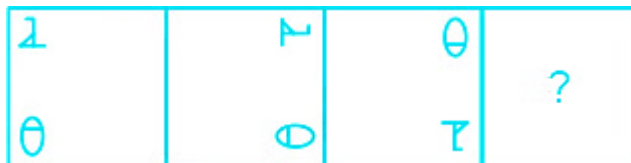
c.



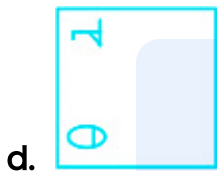
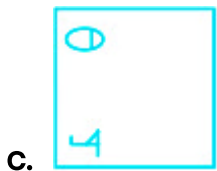
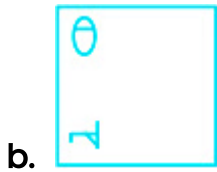
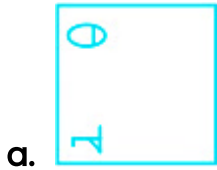
d.

14. There are eight friends, namely A, B, C, D, E, F, G and H, sitting around a circular table facing the centre but not necessarily in the same order. F, is the immediate neighbour of D. C is second to the right of A. There are only two persons between A and D. E and G are immediate neighbours, while H and F are also immediate neighbours. B is third to the left of F. D is third to the left of G. How many persons are sitting between B and G, when counted in clockwise direction from B? (+1, -0.25)
- a. Four
- b. Three
- c. Two
- d. One

15. Select the figure from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)







16. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements. (+1, -0.25)

**Statements:**

Some wools are fabrics.

All fabrics are soft.

**Conclusions:**

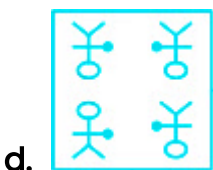
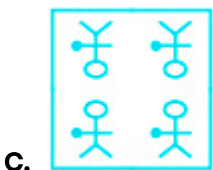
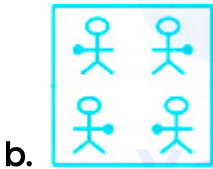
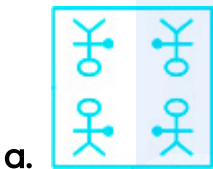
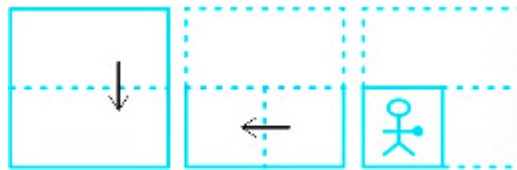
I. All wools are soft.

II. Some wools are soft

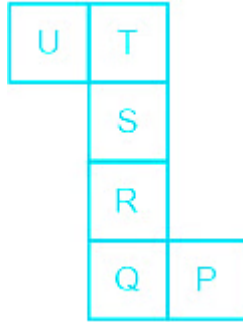
a. Only conclusion II follows

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

17. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded? (+1, -0.25)



18. When the given figure is folded to form a box, which face CANNOT be adjacent to the face with R? (+1, -0.25)



- a. S
- b. T
- c. U
- d. P

---

19. Select the option that is related to the third number in the same way as the second number is related to the first number. (+1, -0.25)

$38 : 6 :: 83 : ?$

- a. 8
- b. 7
- c. 9
- d. 10

---

20. If 'H' denotes 'x', 'J' denotes '-', 'D' denotes '+' and 'Y' denotes '÷', then what will be the value of the following expression? (+1, -0.25)

$105 J 29 H 96 Y 16 D 84$

- a. 108

- b. 69
  - c. 78
  - d. 15
- 

21. In a certain code language, 'PAPER IS WHITE' is written as 'JH NX TRO', 'BOTTLES ARE WHITE' is written as 'HN NX TP', and 'BOTTLES IS BROKEN' is written as 'HN TRO SNG'. How will 'PAPER' be written in that language? (+1, -0.25)

- a. JH
  - b. TRO
  - c. NX
  - d. HN
- 

22. In a family of seven persons, Abhay is the son of Monu. Nikunj is the son of Anjali. Megha and Shreya are the daughters of Rakesh, who is married to Anjali. Monu is married to Shreya. How is Abhay related to Rakesh? (+1, -0.25)

- a. Brother-in-law
  - b. Son
  - c. Son-in-law
  - d. Grandson
- 

23. Study the given pattern carefully and select the number that can replace the question mark (?) in it (+1, -0.25)

16	14	18
58	44	?
13	8	4

- a. 44
- b. 24
- c. 36
- d. 40

---

24. In a certain code language, RAMP is coded as 3611332. How will DELL be coded in that language? (+1, -0.25)

- a. 851224
- b. 852424
- c. 810224
- d. 851214

---

25. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. (+1, -0.25)

- 1. Priceless
- 2. Pristine
- 3. Prison
- 4. Priority

5. Prejudice

a. 5, 1, 4, 2, 3

b. 5, 1, 4, 3, 2

c. 1, 3, 4, 2, 5

d. 5, 4, 1, 3, 2

**prepp**

Your Personal Exams Guide

## General Knowledge and General Awareness

26. The United Nations marks \_\_\_\_\_ annually as World Toilet Day. (+1, -0.25)
- a. 17 September
  - b. 19 November
  - c. 16 April
  - d. 14 January
- 

27. Where did Summer Olympics 2020 held in August 2021? (+1, -0.25)
- a. Tokyo
  - b. Be jing
  - c. Paris
  - d. Los Angeles
- 

28. Which of the following is defined as 'the point where supply equals demand for a product with equilibrium price'? (+1, -0.25)
- a. Market Equilibrium
  - b. Demand Curve
  - c. Supply Curve
  - d. Demand Elasticity
-

29. Who among the following commissioned the construction of Red Fort in Delhi? **(+1, -0.25)**
- a. Aurangzeb
  - b. Akbar
  - c. Jahangir
  - d. Shah Jahan
- 

30. The 12<sup>th</sup> BRICS (Brazil, Russia, India, China and South Africa) Summit was organised virtually under the Chairmanship of: **(+1, -0.25)**
- a. Russian President Vladimir Putin
  - b. Indian Prime Minister Narendra Modi
  - c. Brazilian President Jair Bolsonaro
  - d. Chinese President Xi Jinping
- 

31. Who among the following was used as a mascot in the Asian Games held in Delhi in 1982? **(+1, -0.25)**
- a. Atug-Bawan deer
  - b. Appu - baby elephant
  - c. Kaka - One-horned Javan Rhino
  - d. Variety - Colorful Birds of Paradise
-



32. The Buddhist festival 'Sogkran' is celebrated mainly in which of the following Indian state? (+1, -0.25)
- a. Jharkhand
  - b. Arunachal Pradesh
  - c. Tamil Nadu
  - d. Himachal Pradesh
- 

33. The 50th anniversary of Vishwa Shanti Stupa located in \_\_\_\_\_ was celebrated in 2019. (+1, -0.25)
- a. Saatchi
  - b. Rajgir
  - c. Amravati
  - d. Sarnath
- 

34. Which of the following states won the first prize under the E-Panchayat Award of 2020 in category-1? (+1, -0.25)
- a. Karnataka
  - b. Rajasthan
  - c. Himachal Pradesh
  - d. Maharashtra
-

35. A system of rules that takes effect when a military authority takes control of the normal administration of justice is called \_\_\_\_\_ ( +1, -0.25)

- a. martial Law
  - b. coup
  - c. dictatorship
  - d. monarchy
- 

36. Which of the following Articles of the Constitution of India directs the state to promote international peace and security? ( +1, -0.25)

- a. Article 48
  - b. Article 40
  - c. Article 50
  - d. Article 51
- 

37. Which of the following country won the Hopman World Cup 2019? ( +1, -0.25)

- a. Switzerland
  - b. United States of america
  - c. Germany
  - d. Australia
-

38. In November 2020, with which of the following banks did the Government of India sign a \$120 million project to improve and modernise the transport sector of Meghalaya? (+1, -0.25)

- a. World Bank
  - b. NDB
  - c. AIIB
  - d. IMF
- 

39. The \_\_\_\_\_ Finance Commission was constituted on 27th November 2017 in terms of Article 280 of the Constitution of India. (+1, -0.25)

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

40. Which of the following crops requires maximum water per hectare for production? (+1, -0.25)

- a. Potato
  - b. Sugarcane
  - c. Cotton
  - d. Sunflower
-

41. Which one of the following passes connects the last south-eastern end of Spiti valley with Shaikhar and Chango of Hagarag valley in Kinnaur? (+1, -0.25)

- a. lepcha la
- b. Sirma La
- c. Chakshchan La
- d. the porter la

42. 'Life Mantras' is a book written by \_\_\_\_\_ . (+1, -0.25)

- a. Subhash Chandra
- b. Subrata Rai Sahara
- c. Naresh Goyal
- d. Ramliga Raju

43. The process of covering the bare ground between plants with a layer of organic matter, to retain soil moisture is known as \_\_\_\_\_ . (+1, -0.25)

- a. fertilising
- b. composting
- c. mulching
- d. manuring

44. Who won the Battle of Plassey in 1757? (+1, -0.25)

- a. Marathas
  - b. British East India Company
  - c. Nawab of Bengal
  - d. Nawab of Awadh
- 

45. 'Theyam' is a famous ritual art form that originated in the state of \_\_\_\_\_ ( +1, -0.25)

- a. Kerala
  - b. Uttarakhand
  - c. Manipur
  - d. Jharkhand
- 

46. The Third Battle of Panipat was fought on \_\_\_\_\_. ( +1, -0.25)

- a. 8 April 1782
  - b. 31 August 1796
  - c. 26 November 1773
  - d. 14 January 1761
- 

47. The genus name of \_\_\_\_\_ is Cucurbita. ( +1, -0.25)

- a. Brinjal
- b. Tomato

- c. potato
  - d. Pumpkin
- 

48. Which of the following animals does not ruminate? (+1, -0.25)

- a. Deer
  - b. Cow
  - c. Pig
  - d. Buffalo
- 

49. \_\_\_\_\_ is a style of architecture that incorporates elements of Nagara and Dravidian styles. (+1, -0.25)

- a. Toran
  - b. Sanhita
  - c. Vesara
  - d. Prashsti
- 

50. The official symbol of Reserve Bank of India consists of \_\_\_\_\_ . (+1, -0.25)

- a. Rose tree
  - b. Palm tree
  - c. banyan tree
  - d. Pipal tree
-

## Elementary Mathematics

51. A man bought some toys at the rate of 112 for Rs. 448 and sold them at 9 toys for Rs. 81. Find his percentage gain. **(+1, -0.25)**
- a. 100%
  - b. 125%
  - c. 90%
  - d. 120%
- 
52. Let  $x$  be the greatest 4-digit number which when divided by 9, 12, 15, 20, 24 and 72, leaves a remainder 3 in each case. What is the sum of the digits of  $x$ ? **(+1, -0.25)**
- a. 17
  - b. 21
  - c. 27
  - d. 19
- 
53. The average of eight consecutive odd numbers, taken in descending order, is 82. What is the average of the first four numbers? **(+1, -0.25)**
- a. 78
  - b. 86
  - c. 88
  - d. 84

---

54. A sum of Rs. 8,400 amounts to Rs. 10,899 in  $3\frac{1}{2}$  years at a certain rate per cent per annum, at simple interest. What will be the amount of the same sum at simple interest for  $4\frac{2}{3}$  years at double the rate of interest? **(+1, -0.25)**

- a. Rs. 11,732
- b. Rs. 7,532
- c. Rs. 15,064
- d. Rs. 14,672

---

55. Solutions A and B contain acid and water in the ratio 4 : 3 and 9 : 5, respectively. Four litres of solution A is mixed with 5 litres of solution B. What is the ratio of acid and water in the resulting mixture? **(+1, -0.25)**

- a. 4 : 7
- b. 7 : 4
- c. 11 : 7
- d. 9 : 11

---

56. A person travels equal distances at speeds of 5 km/h, 8 km/h and 10 km/h and takes a total time of 61 min 12 sec. The total distance travelled by the person is: **(+1, -0.25)**

- a. 7.5 km
- b. 7.2 km
- c. 6.6 km



d. 5.7 km

---

57. The average ages of Ajay, his wife and their child 7 years ago, was 42 (+1, -0.25) years and that of Ajay's wife and their child 9 years ago was 38 years. The present age of Ajay is:

a. 53 years

b. 48 years

c. 52 years

d. 55 years

---

58. A is 120% of B and B is 85% of C. If the sum of A, B and C is  $143\frac{1}{2}$ , then the (+1, -0.25) value of  $C - 4B + 2A$  is:

a. -18

b. 15

c. 20

d. -10

---

59. A and B can complete a work in 18 days and 10 days, respectively. They (+1, -0.25) worked together for 5 days, after which B was replaced by C and the work was completed in the next 3 days. How long will C alone take to complete the entire work?

a. 54 days

b. 48 days

---

- c. 52 days
- d. 45 days

---

60.  $\frac{1}{7}$  of a number equal to  $\frac{2}{5}$  of another number. What is the ratio of the first number to the second number? (+1, -0.25)

- a. 15 : 28
- b. 5 : 21
- c. 14 : 5
- d. 5 : 14

---

61. Vishal decided to donate 12% of his salary to the PM Relief Fund. On the day of donation, he changed his mind and donated Rs. 4,200, which was 70% of what he had decided to donate earlier. His monthly salary is: (+1, -0.25)

- a. Rs. 48,000
- b. Rs. 50,000
- c. Rs. 52000
- d. Rs. 60,000

---

62. The area of a triangular field whose sides are 96 m, 110 m and 146 m is equal to the area of a square field. What is the side (in m) of the square field? (+1, -0.25)

- a.  $4\sqrt{330}$
- b.  $\sqrt{660}$

c.  $\sqrt{330}$

d.  $2\sqrt{660}$

---

63. Aman travelled from place A to place B at an average speed of 75 km/h. (+1, -0.25)  
He travelled the first 60% of the distance in  $\frac{8}{15}$  of the time and rest at a constant speed of x km/h to reach B. What is the value of x ? (Nearest to an integer)

a. 67

b. 64

c. 63

d. 65

---

64. The selling price of 18 articles is same as the cost price of 28 articles. The (+1, -0.25)  
profit or loss percentage is:

a. Profit  $35\frac{5}{7}\%$

b. Loss  $32\frac{5}{7}\%$

c. Loss  $53\frac{5}{9}\%$

d. Profit  $55\frac{5}{9}\%$

---

65. A single discount equivalent to two successive discounts of 15% and 25% (+1, -0.25)  
is:

a. 36.25%

b. 26.25%

c. 34.25%

d. 30.25%

---

66. If an eleven-digit number  $12389x6378y$  is divisible by 72. then the value of  $\sqrt{7x+7y}$  is: (+1, -0.25)

a. 8

b. 6

c. 7

d. 9

---

67. A shopkeeper, after allowing a discount of 14% on the marked price of a sewing machine, allows a discount of 10% on the discounted price. If the Selling price is Rs. 3,483, then find the Marked price. (+1, -0.25)

a. Rs. 3,800

b. Rs. 4,200

c. Rs. 4,600

d. Rs. 4,500

---

68. A fruit seller sells apples at the rate of Rs. 68 per kg and there by loses 15%. At what price per kg, should he sell them to make a profit of 10%? (+1, -0.25)

a. Rs. 80

b. Rs. 90

c. Rs. 88

d. Rs. 92

---

69. The value of  $\left(\frac{3}{4} - \frac{1}{3} \div \frac{1}{3} \text{ of } \frac{9}{5}\right) \div \left(\frac{7}{16} \div \frac{1}{2} \text{ of } \frac{1}{5}\right) \text{ of } \frac{4}{15} - \frac{2}{3}$  is: (+1, -0.25)

a.  $\frac{-1}{2}$

b.  $\frac{-3}{2}$

c.  $\frac{1}{4}$

d.  $\frac{3}{4}$

---

70. The present ages of A and B are in the ratio 14 : 17. Eight years from now, the ratio of their ages will be 6 : 7. What is the difference (in years) between their present ages? (+1, -0.25)

a. 3

b. 9

c. 12

d. 6

---

71. A can do a certain work in 18 days and B can do it in 30 days. They work together for 6 days. The remaining work is completed by C alone in 7 days. In how many days will A, B and C together complete the same work? (+1, -0.25)

a.  $9\frac{3}{7}$

b.  $11\frac{3}{7}$

c.  $6\frac{3}{7}$

d.  $7\frac{3}{7}$

---

72. The value of  $2\frac{1}{36} \div \frac{5}{9}$  of  $(5\frac{1}{10} + 2\frac{1}{5}) + \frac{3}{5} \div 4\frac{1}{5}$  is: (+1, -0.25)

a.  $\frac{5}{14}$

b.  $\frac{11}{14}$

c.  $\frac{9}{14}$

d.  $\frac{1}{14}$

---

73. A square piece of cloth has an area of  $841 \text{ cm}^2$ . What is the length of each of its diagonal? (+1, -0.25)

a.  $28\sqrt{2} \text{ cm}$

b.  $58 \text{ cm}$

c.  $29\sqrt{2} \text{ cm}$

d.  $29 \text{ cm}$

---

74. The simple interest on a certain sum at 4% p.a. is  $\frac{4}{25}$  of the sum in  $r$  years. (+1, -0.25)  
What is the value of  $r$ ?

a. 8

b. 6

c. 5

d. 4

---

75. Shyamlal lends some money at simple interest. He adds interest every six months to calculate the principal. If he is charging 5% interest, what will be the effective annual interest rate (correct to two decimal places)? (+1, -0.25)

a. 5.06%

b. 9.3%

c. 7.3%

d. 4.61%

prepp

Your Personal Exams Guide

## English

76. Select the INCORRECTLY spelt word.

(+1, -0.25)

- a. Pityful
- b. Tactful
- c. Plead
- d. Guilty

77. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, select 'No error' as your answer.

(+1, -0.25)

I am wanting / to give Avika / a book on her birthday.

- a. No error
- b. to give Avika
- c. a book on her birthday
- d. I am wanting

78. Select the most appropriate ANTONYM of the given word.

(+1, -0.25)

Specific

- a. General
- b. Limited
- c. Different



d. Exact

---

79. Select the most appropriate option to fill in the blank. (+1, -0.25)

Preparing for an examination needs good planning and \_\_\_\_\_.

- a. confidence
  - b. lethargy
  - c. arrogance
  - d. mortality
- 

80. Select the most appropriate option that can substitute the underlined word in the given sentence. If there is no need to substitute it, select 'No substitution required'. (+1, -0.25)

I'm going to Mumbai next week. A friend of myself has invited me to her wedding.

- a. No substitution required
  - b. friend of me
  - c. one of friend
  - d. friend of mine
- 

81. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. (+1, -0.25)

Rajeev has / extended his leave / at one more week.

- a. at one more week
  - b. No error
  - c. extended his leave
  - d. Rajeev has
- 

82. Select the most appropriate synonym of the given word. (+1, -0.25)

Amalgam

- a. Distance
  - b. Monograph
  - c. Mixture
  - d. Telegram
- 

83. Select the most appropriate option to fill in the blank. (+1, -0.25)

Too much of television watching can \_\_\_\_\_ the thinking process of a child.

- a. instigate
  - b. interrogate
  - c. hamper
  - d. horrify
- 

84. Select the most appropriate synonym of the given word. (+1, -0.25)

Concise

- a. Abrupt
- b. Short
- c. Lengthy
- d. Fine

---

85. Select the most appropriate option that can substitute the underlined word in the given sentence. (+1, -0.25)

He suddenly stopped the car and the conjuring of the brakes irritated us.

- a. stacking
- b. snarling
- c. beseeching
- d. screeching

---

Your Personal Exams Guide

86. Select the option that can be used as a one-word substitute for the given group of words. (+1, -0.25)

The doctor who specialises in the study or treatment of heart diseases and heart abnormalities

- a. Neurologist
- b. Cardiologist
- c. Dermatologist
- d. Ophthalmologist

87. Select the option that can be used as a one-word substitute for the given group of words. (+1, -0.25)

An animal that preys on other animals

- a. Omnivore
- b. Hostile
- c. Victim
- d. Predator

88. Select the option that can be used as a one-word substitute for the given group of words. (+1, -0.25)

A disease which affects large populations at the same time

- a. Contagious
- b. Epidemic
- c. Equinox
- d. Endemic

89. Select the most appropriate meaning of the given idiom. (+1, -0.25)

Odd man out

- a. Person with a hereditary disease
- b. Person having no knowledge
- c. Person who doesn't fit into a group

d. Person who is useless

---

90. Select the most appropriate meaning of the given idiom. (+1, -0.25)

To be off the hook

- a. To be close to the target
  - b. To be trapped
  - c. To escape a difficult situation
  - d. To be in trouble
- 

91. Select the INCORRECTLY spelt word. (+1, -0.25)

- a. Difference
  - b. Reference
  - c. Conference
  - d. Presense
- 

92. Select the most appropriate ANTONYM of the given word. (+1, -0.25)

Emerge

- a. Arrive
- b. Dissappear
- c. Flow
- d. Rise

93. Select the most appropriate option to fill in the blank. (+1, -0.25)

Unemployment has been the most \_\_\_\_\_ result of recession.

- a. obvious
  - b. Awkward
  - c. public
  - d. eminent
- 

94. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. (+1, -0.25)

Treasure Island is / always been / my favourite book / right from my childhood days

- a. Treasure Island is
  - b. right from my childhood days
  - c. always been
  - d. my favourite book
- 

95. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. (+1, -0.25)

The captain and his sailors was surrounding by pirates.

- a. No improvement required
- b. were surrounding

- c. were surrounded
- d. was surround

96. **Direction:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Listening to Mozart can significantly increase your intelligence, (1) \_\_\_\_\_ to a research in America. Unfortunately, (2) \_\_\_\_\_ effect is temporary. It only (3) \_\_\_\_\_ for 15 minutes. Dr Frances Rauscher (4) \_\_\_\_\_ his colleagues at the University of California (5) \_\_\_\_\_ the findings in the journal 'Nature'.

Select the most appropriate option to fill in blank no.1.

- a. awarding
- b. allowing
- c. acceding
- d. according

97. **Direction:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Listening to Mozart can significantly increase your intelligence, (1) \_\_\_\_\_ to a research in America. Unfortunately, (2) \_\_\_\_\_ effect is temporary. It only (3) \_\_\_\_\_ for 15 minutes. Dr Frances Rauscher (4) \_\_\_\_\_ his colleagues at the University of California (5) \_\_\_\_\_ the findings in the journal 'Nature'.

Select the most appropriate option to fill in blank no.2.

- a. the
- b. an
- c. one
- d. a

98. **Direction:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Listening to Mozart can significantly increase your intelligence, (1)\_\_\_\_\_ to a research in America. Unfortunately, (2)\_\_\_\_\_ effect is temporary. It only (3)\_\_\_\_\_ for 15 minutes. Dr Frances Rauscher (4)\_\_\_\_\_ his colleagues at the University of California (5)\_\_\_\_\_ the findings in the journal 'Nature'.

Select the most appropriate option to fill in blank no.3.

- a. lasted
- b. is lasting
- c. last
- d. lasts

99. **Direction:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Listening to Mozart can significantly increase your intelligence, (1)\_\_\_\_\_ to a research in America. Unfortunately, (2)\_\_\_\_\_ effect is temporary. It only (3)\_\_\_\_\_ for 15 minutes. Dr Frances Rauscher



(4)\_\_\_\_\_ his colleagues at the University of California (5)\_\_\_\_\_ the findings in the journal 'Nature'.

Select the most appropriate option to fill in blank no.4.

- a. and
- b. so
- c. also
- d. but

100. **Direction:** In the following passage, some words have been deleted. (+1, -0.25)

Read the passage carefully and select the most appropriate option to fill in each blank.

Listening to Mozart can significantly increase your intelligence, (1)\_\_\_\_\_ to a research in America. Unfortunately, (2)\_\_\_\_\_ effect is temporary. It only (3)\_\_\_\_\_ for 15 minutes. Dr Frances Rauscher (4)\_\_\_\_\_ his colleagues at the University of California (5)\_\_\_\_\_ the findings in the journal 'Nature'.

Select the most appropriate option to fill in blank no.5.

- a. resulted
- b. repeated
- c. reported
- d. reduced

## Answers

1. Answer: a

Explanation:

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is :-

MELON is written as TCSKU.



And

CHAMP is written as JFHIW.



Similarly,

FAMISH will be written as :



Hence, the correct answer is "MYTEZB".

## 2. Answer: b

### Explanation:

Given,

The number is added to thrice its preceding number.

Let us consider number =  $X$

The other number is =  $3(X - 1)$

The sum of these two numbers is divided by 5, 13

$$\Rightarrow (X + 3(X - 1)) \div 5 \times 13 = 1$$

$$\Rightarrow X + 3X - 3 = 65$$

$$\Rightarrow 4X - 3 = 65$$

$$\Rightarrow 4X = 68$$

$$\Rightarrow X = 17$$

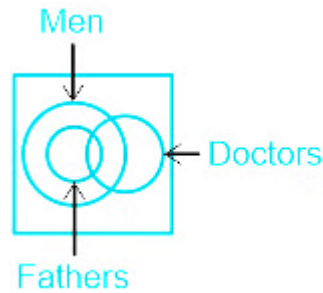
Hence, the correct answer is "17".

## 3. Answer: a

### Explanation:

The least possible Venn diagram for the given relation is as shown below :

- All fathers are Men.
- Some Doctors are fathers.
- Some Men are Doctors.



Hence, the correct answer is "Option 1".

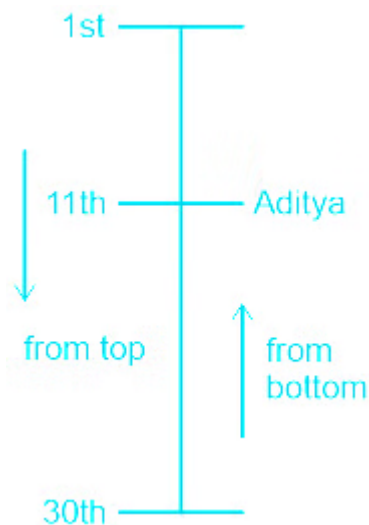
4. Answer: c

Explanation:

Given,

Total number of students in class = 30

Aaditya is at 11 th rank in merit order from the top.







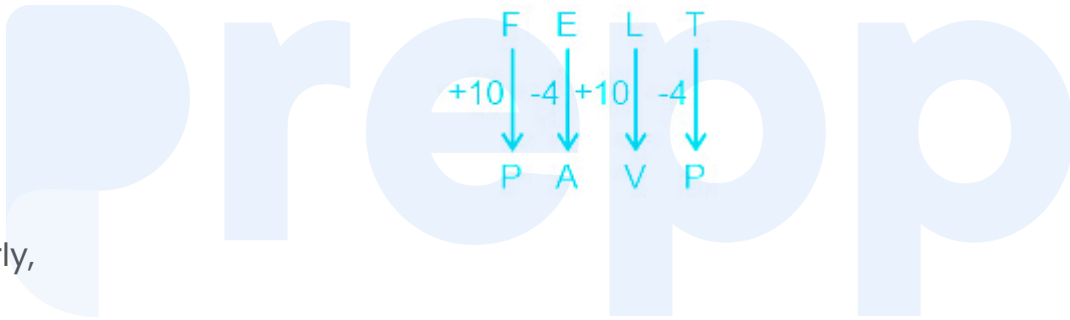
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is :-

The first and third letter is added with +10.

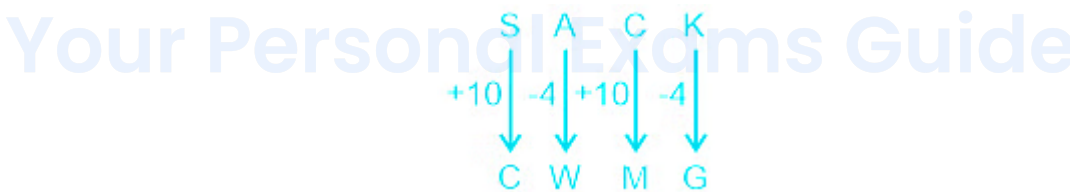
The second and fourth letter is subtracted with -4.

FELT : PAVP



Similarly,

SACK : ?

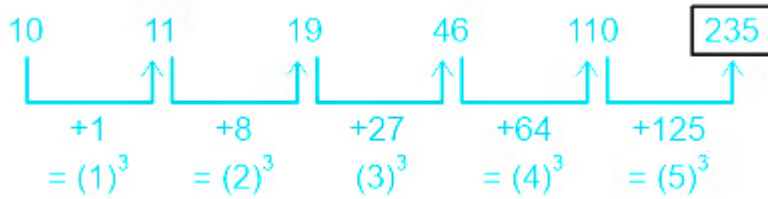


Hence, the correct answer is "CWMG".

8. Answer: b

Explanation:

The logic followed here is:-



Hence, the correct answer is "235".

9. Answer: c

Explanation:

Given :- Q \_ T J \_ Q R \_ J C \_ R T \_ C Q \_ T \_ C

By checking options and substituting accordingly.

1) R C J Q J R R → Q R T J C - Q R J J C - Q R T J C - Q R T R C

2) R C Q T J R J → Q R T J C - Q R Q J C - T R T J C - Q R T J C

3) R C T Q J R J → Q R T J C - Q R T J C - Q R T J C - Q R T J C

- Here "QRTJC" is repeated.

4) C R T Q J R J → Q C T J R - Q R T J C - Q R T J C - Q R T J C

- Option (3) gives the pattern of :- Q R T J C - Q R T J C - Q R T J C - Q R T J C

Hence, the correct answer is "R C T Q J R J".

10. Answer: a

Explanation:

The logic followed here is :-



Hot is antonym of Cold.

Similarly,

Heavy is antonym of 'Light'.

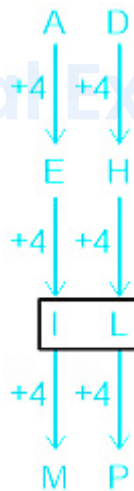
Hence, the correct answer is "Light".

**11. Answer: a**

**Explanation:**

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is:-



Hence, the correct answer is "IL".

12. Answer: b

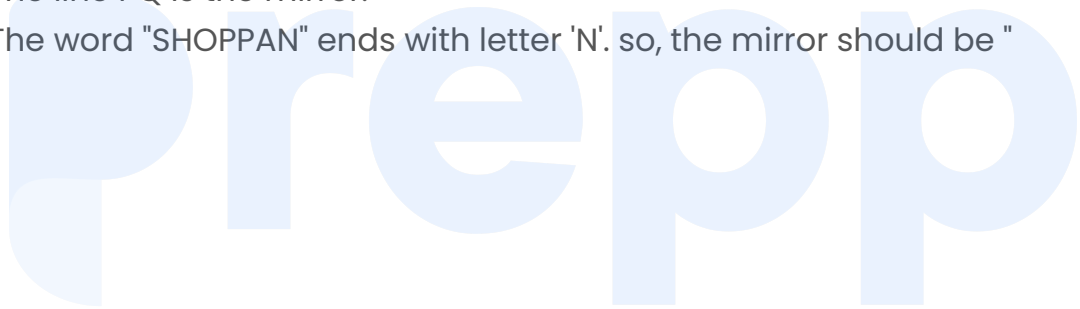
**Explanation:**

The correct mirror image of the given combination when the mirror is placed at PQ is as shown below :-

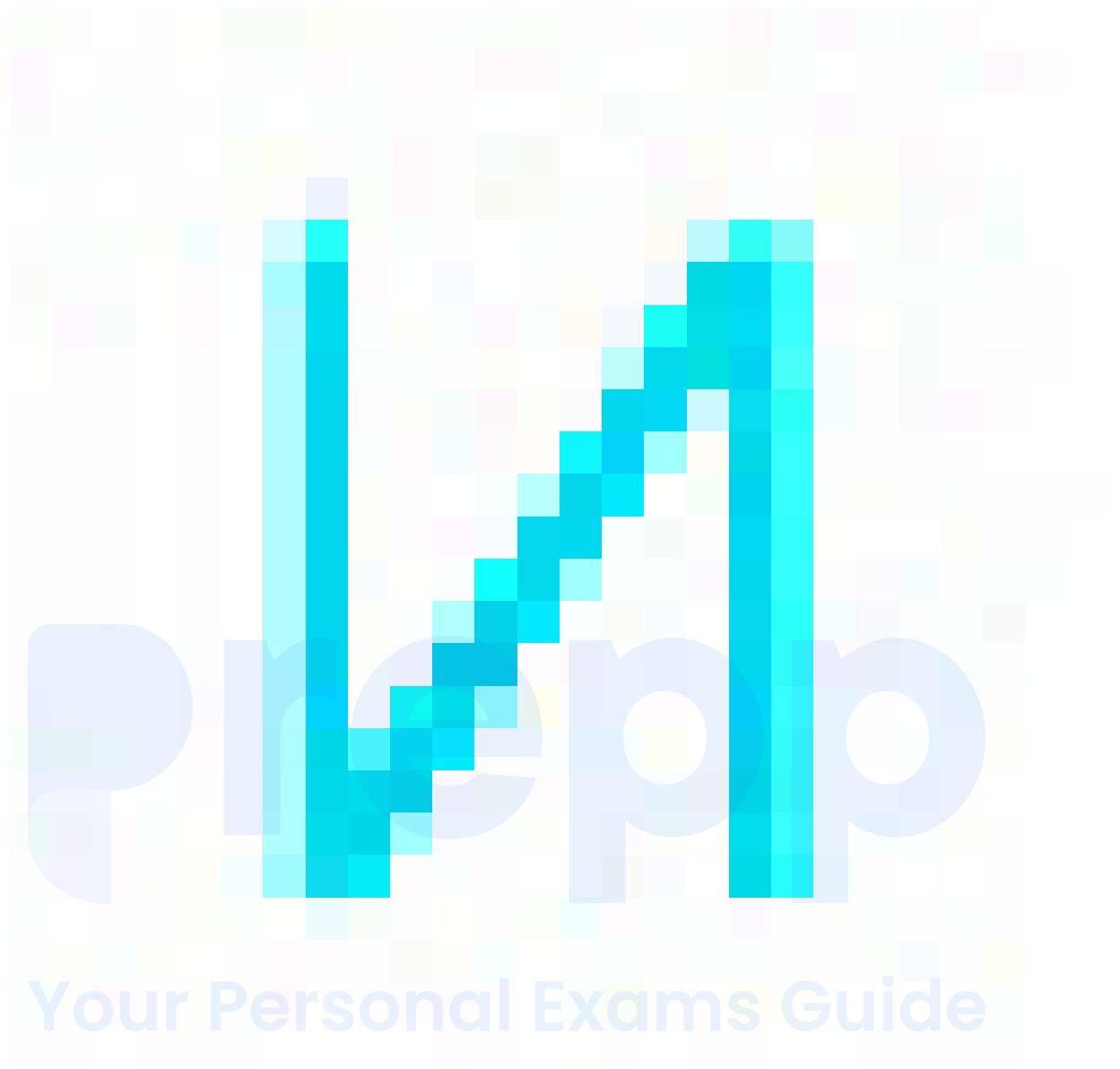


Detailed Explanation:

- The line PQ is the mirror.
- The word "SHOPPAN" ends with letter 'N'. so, the mirror should be "



Your Personal Exams Guide



" ⇒ Option 1, 3 and 4 are eliminated.









Hence, the correct answer is **"Option 2"**.

---

13. **Answer: d**

**Explanation:**

The figure embedded in the given options is as shown below :

No.	Option	Question	Answer
1.			Not Embedded
2.			Not Embedded
3.			Not Embedded
4.			Embedded

Hence, the correct answer is "Option 4".

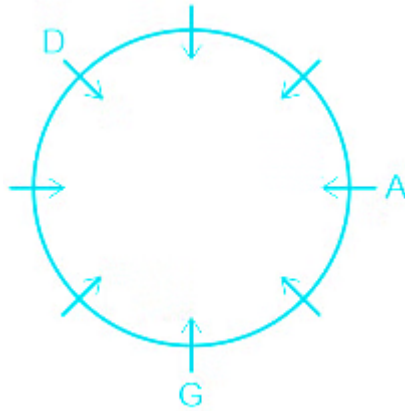
Your Personal Exams Guide

14. Answer: c

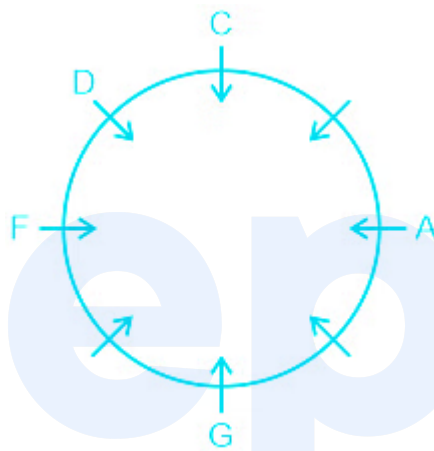
Explanation:

There are eight friends, namely A, B, C, D, E, F, G and H, sitting around a circular table facing the centre but not necessarily in the same order.

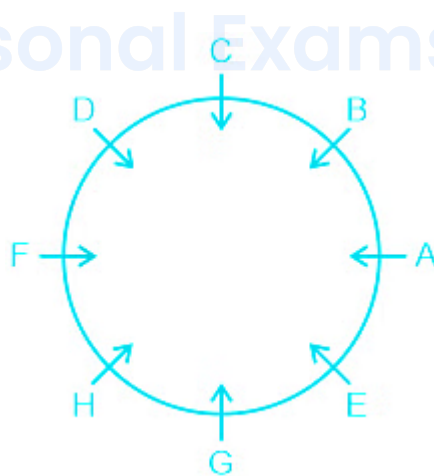
1) D is third to the left of G and there are only two persons between A and D.



2) F, is the immediate neighbour of D and C is second to the right of A.



3) B is third to the left of F and E and G are immediate neighbours, while H and F are also immediate neighbours.



∴ Here, there are 'Two' persons sitting between B and G in clockwise direction.

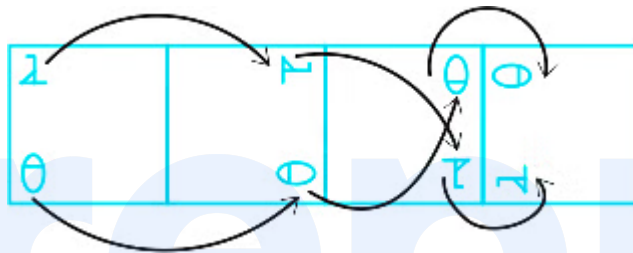
Hence, the correct answer is **"Two"**.

15. Answer: a

Explanation:

The figure that can replace the question mark (?) in the following series is as shown below :

- The 2 is rotated  $90^{\circ}$  clockwise and moves one step clockwise.
- The oval which is darkened at one side is rotated  $90^{\circ}$  anti-clockwise and moves one step anti-clockwise.

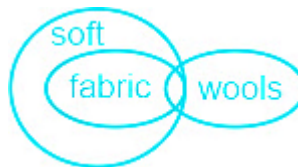


Hence, the correct answer is "Option 1".

16. Answer: a

Explanation:

The least possible Venn diagram for the given statements is as shown below :



Conclusions:

I. All wools are soft → False (As All fabrics are soft and Some wools are fabrics so, All wools are soft is false )

II. Some wools are soft → True (As All fabrics are soft and Some wools are fabrics so, Some wools are soft is true )

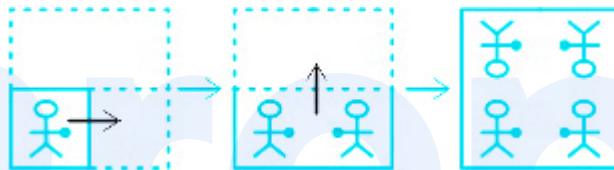
∴ Here, Only conclusion II is true.

Hence, the correct answer is "Only conclusion II follows".

17. Answer: a

Explanation:

After unfolding the given paper the figure formed is as shown below :



Hence, the correct answer is "Option 1".

18. Answer: b

Explanation:

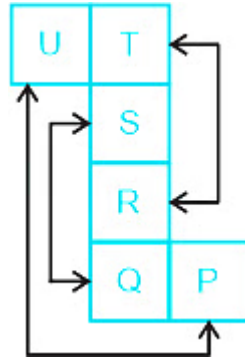
The logic followed here is:

The opposite surface of the open dice can be found by the below method:-

- Alternate surfaces are opposite to each other.
- No two opposite surfaces are touched by side or by corners

So, by using the above rule we can find the opposite surface of open dice.

In the given figure, Opposite faces are :



Alphabets	Opposite Alphabets
P	U
Q	S
R	T

∴ Here, 'T' cannot be adjacent face of 'R'.

Hence, the correct answer is "T".

19. Answer: c

**Explanation:**

The logic followed here is :-

$$(\text{First number} - 2)^{1/2} = \text{Second number}$$

- $38 : 6 \rightarrow (38 - 2)^{1/2} = 36^{1/2} = 6$
- $83 : ? \rightarrow (83 - 2)^{1/2} = 81^{1/2} = 9$

Hence, the correct answer is "9".

20. Answer: d



## Explanation:

The logic followed here is :-

By using BODMAS RULE :

<b>B</b>	Brackets in order (), {}, []	ब्रैकेट (), {}, [] क्रम में
<b>O</b>	of	का
<b>D</b>	Division (÷)	विभाजन (÷)
<b>M</b>	Multiplication (×)	गुणा (×)
<b>A</b>	Addition (+)	जोड़ (+)
<b>S</b>	Subtraction (-)	घटाव (-)

Alphabets	H	J	D	Y
Operators	×	-	+	÷

Given expression is : 105 J 29 H 96 Y 16 D 84

After replacing operators in place of alphabets the expression is as follows : 105 - 29 × 96 ÷ 16 + 84

$$= 105 - 29 \times \underline{96} \div \underline{16} + 84$$

$$= 105 - \underline{29} \times \underline{6} + 84$$

$$= \underline{105} - 174 + \underline{84}$$

$$= \underline{189} - 174$$

= 15

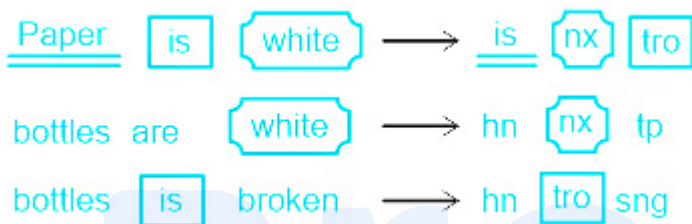
Hence, the correct answer is "15".

---

21. Answer: a

Explanation:

The logic followed here is :-



∴ Here, 'PAPER' is coded as 'JH'.

Hence, the correct answer is "JH".

---

22. Answer: d

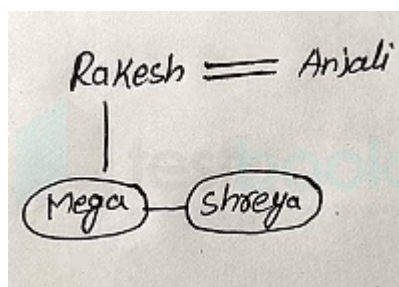
Explanation:

Family chart :-

Symbol in Diagram	Meaning
○	Female
□	Male
══	Married Couple
—	Siblings
	Difference of A Generation

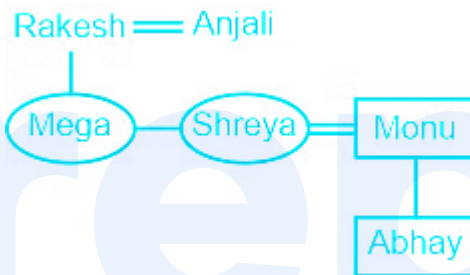
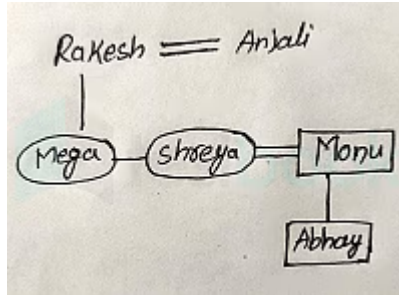
Family Tree :

- 1) Megha and Shreya are the daughters of Rakesh, who is married to Anjali.

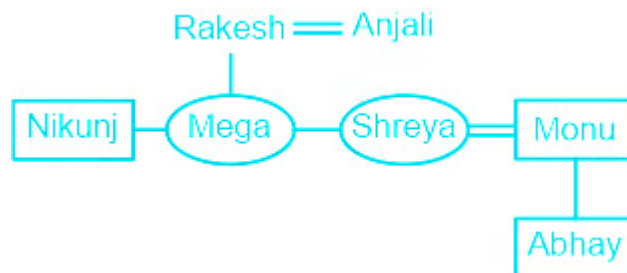
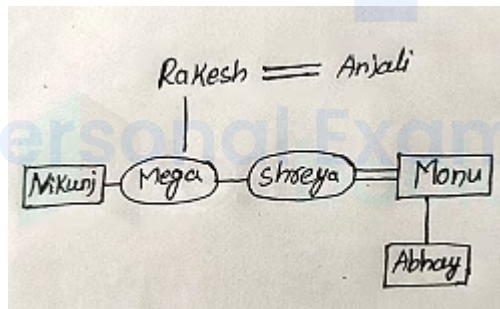




2) Monu is married to Shreya and Abhay is the son of Monu.



3) Nikunj is the son of Anjali.



∴ Here, Abhay is 'Grandson' of Rakesh.

Hence, the correct answer is "Grandson".

---

**23. Answer: a**

**Explanation:**

The logic followed here is :-

In a column, (First number + Last number)  $\times$  2 = Middle number.

Column 1) :

16
58
13

$$= (16 + 13) \times 2$$

$$= 29 \times 2$$

$$= 58$$

Column 2) :

14
44
8

$$= (14 + 8) \times 2$$

$$= 22 \times 2$$

$$= 44$$

Column 3) :

18
?
4

$$= (18 + 4) \times 2$$

$$= 22 \times 2$$

$$= 44$$

Hence, the correct answer is "44".

24. Answer: a

Explanation:

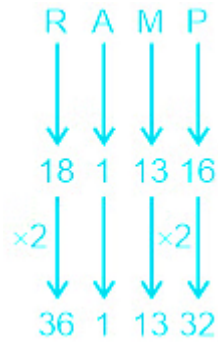
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is :-

First and last letter is multiplied with  $\times 2$ .

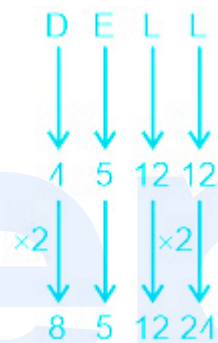
Second and third letters remains same.

RAMP is coded as 3611332.



Similarly,

DELL will be coded as :



Hence, the correct answer is "851224".

25. Answer: b

Your Personal Exams Guide

**Explanation:**

The arrangement of the given words in the order in which they appear in an English dictionary is as shown below :

- 5. Pr ejudice
- 1. Pri celess
- 4. Pri oriority
- 3. Pris on
- 2. Pris tine

Hence, the correct answer is "5, 1, 4, 3, 2".

---

**26. Answer: b**

**Explanation:**

The correct answer is 19 November.

★ Key Points

- The United Nations marks **19 November annually as World Toilet Day**.
- The day is about inspiring action to tackle the global sanitation crisis.
- World Toilet Day was established by the **World Toilet Organisation in 2001**.

★ Additional Information

Important Days-

prepp

Your Personal Exams Guide



Date	Days
15 th January	National Army Day.
28 th February	National Science Day.
8 th March	International Women's Day.
22 nd April	Earth Day.
1 st May	Labour Day.
24 th April	Panchayati Raj Day.
5 th June	World Environment Day.
11 th July	World Population Day.
29 th August	National Sports Day (Birth Anniversary of Major Dyanchand).
15 th September	International Day of Democracy.
8 th October	Indian Airforce Day.
16 th November	International Day for Tolerance.
4 th December	Navy day.

Your Personal Exams Guide

27. Answer: a

Explanation:

The correct answer is Tokyo.

★ Key Points

- The 2020 summer Olympics is an international sports event that was held from 23 July to 8 August 2021, in the city of Tokyo, Japan.
- As the name suggests, this summer Olympics were originally intended to be held from 24 July to 9 August 2020, but due to the ongoing Covid-19 Pandemic,

Tokyo 2020 Olympics was postponed.

- The name 'Tokyo 2020' is not changed to 'Tokyo 2021' because of marketing and branding reasons.
- This is also the first time in history when an Olympic games event is postponed instead of being cancelled.
- The motto of summer Olympic 2020 is Faster, Higher, Stronger– Together.

★ Additional Information

- Six new sports are added at the Tokyo summer Olympics 2020- baseball, softball, karate, skateboarding, sport climbing, and surfing.
- Six-time world champion boxer MC Mary Kom and men's hockey team skipper Manpreet Singh were the country's flag bearers at the opening ceremony of the Tokyo Olympics.
- The name of the 2020 Summer Olympics Mascot is Miraitowa.
- It is derived from the Japanese words Mirai (future) and Towa (eternity).
- The mascot embodies both the old and the new, echoing the concept of "innovation from harmony".
- The Mascot was created by Ryo Taniguchi.
- Tokyo has hosted the Summer Olympic Games in 1964 thereby becoming the first Asian city to host Summer Olympics twice.

28. Answer: a

**Explanation:**

The correct answer is Market Equilibrium.

★ Key Points

- **Market Equilibrium** is defined as 'the point where supply equals demand for a product with equilibrium price'.
- The equilibrium price is the price of a good or service when the supply of it is equal to the demand for it in the market.
- Thus the market equilibrium for a commodity is determined by balancing the forces of demand and supply for the commodity.

★ Additional Information

- The **demand curve** for unitary elastic demand is a rectangular hyperbola.
  - When the proportionate change in demand produces the same change in the price of the product the demand is referred to as unitary elastic demand.
  - The **elasticity of a unitary elastic demand is 1.**
- The **supply curve** is the **positive relationship between the quantity supplied of goods and their price , keeping other factors constant.**
  - Whenever there is a change in the price of goods, there is a movement along the supply curve. due to a change in the supply of goods.

29. Answer: d

Explanation:

The correct answer is Shah Jahan.

★ Key Points

- **Shah Jahan** commissioned the construction of Red Fort in Delhi.
- The Mughal Emperors' primary residence was the Red Fort, also known as Lal Qila, in Old Delhi, Delhi, India .
- When Shah Jahan chose to move his capital from Agra to Delhi on May 12, 1638, he ordered the Red Fort's construction .
- Its original colours were red and white , and architect Ustad Ahmad Lahori , who also built the Taj Mahal, is credited with creating it.

★ Additional Information

Mughal Emperor	Monuments built
Akbar (1556–1605)	<ul style="list-style-type: none"> <li>• <u>Panch Mahal</u> (Fatehpur Sikri)</li> <li>• Ibadat Khana (Fatehpur Sikri)</li> <li>• Agra Fort (Uttar Pradesh)</li> <li>• Buland Darwaza (Fatehpur Sikri)</li> <li>• Allahabad Fort (Uttar Pradesh)</li> </ul>
Jahangir (1605–1627 AD)	<ul style="list-style-type: none"> <li>• Begum Shahi Mosque</li> </ul>
Shah Jahan (1628 to 1658 AD)	<ul style="list-style-type: none"> <li>• Red Fort (Delhi)</li> <li>• Taj Mahal (Agra)</li> <li>• Moti Masjid (Agra)</li> <li>• Jama Masjid (Delhi)</li> <li>• Peacock Throne (Takht-e- taus)</li> </ul>

30. Answer: a

**Explanation:**

The correct answer is Russian President Vladimir Putin.

★ Key Points

- The 12 th BRICS (Brazil, Russia, India, China and South Africa) Summit was organised virtually under the Chairmanship of **Russian President Vladimir Putin**.
- BRICS Summit, 2020 will be hosted by Russia. It will be the 12th summit of BRICS.
- BRICS is the acronym coined for an association of five major emerging national economies: Brazil, Russia, India, China, and South Africa.
- Since 2009, the BRICS nations have met annually at formal summits.

- Brazil hosted the most recent 11th BRICS summit on 13–14 November 2019.
- The term "BRIC" was coined in 2001 by then-chairman of Goldman Sachs Asset Management, Jim O'Neill.
- South Africa is the most recent partner in the group.

★ Additional Information

- BRICS is an acronym for Brazil, Russia, India, China, and South Africa.
- BRICS accounts for about 40% of the world's population and about 30% of the GDP.
- BRICS countries are believed to be the future dominant suppliers of manufactured goods, services, and raw materials by 2050.
- The headquarters of the BRICS is in **Shanghai**.

---

31. **Answer: b**

**Explanation:**

The correct answer is Appu - baby elephant.

★ Key Points

- The first Asian Games to introduce a mascot was New Delhi 1982.
- The first mascot is Appu, an elephant, was chosen.
- The first-ever Asian Games were held in New Delhi in 1951.
- Asian Games were regulated by the Asian Games Federation from 1951 to 1978.
- Since 1982, the Olympic Council of Asia regulates the Asian Games.

★ Additional Information

- Smart Triplets is the collective name of official mascots of the 19th Asian Games, Hangzhou in 2022.
- Individually, they are called- Congcong, Lianlian and Chenchen. The names are the UNESCO World Heritage sites of Hangzhou in eastern China.

32. Answer: b

Explanation:

The correct answer is Arunachal Pradesh.

★ Key Points

- The Buddhist festival ' **Songkran** ' is celebrated mainly in **Arunachal Pradesh**.
- This Buddhist festival is observed as a spring cleaning.
- It is celebrated for several days during the middle of April, people clean their houses wash clothes and enjoy sprinkling perfumed water on the monks.

★ Additional Information

- Most popular festivals celebrated in Arunachal Pradesh:
  - Siang River Festival
  - Pangsau Pass Winter Festival
  - Ziro Festival of Music
  - Solung
  - Nyokum
  - Losar Festival
  - Dree Festival
  - Boori Boot
  - Loku
  - Sanken

33. Answer: b

Explanation:

The correct answer is Rajgir.

★ Key Points

- The 50th anniversary of **Vishwa Shanti Stupa** located in Rajgir was celebrated in 2019.
- The Vishwa Shanti Stupa is located in Rajgir, Bihar on a 400 m high Ratnagiri hill. It is also known as Peace Pagoda.
- The Stupa is built of marbles and has 4 statues of Buddha on the 4 corners of the Stupa representing his life periods of birth, enlightenment, preaching and death. There is also a ropeway to reach the top of the hill.
- There are total 7 Peace Pagodas or Shanti Stupa in India.
- These stupas were conceptualised by a Buddhist monk and built by a Japanese monk **Fujii Guruji**.

★ Additional Information

- **The following are stupas in the world:**

- Sanchi Stupa - India
- Ruwanwelisaya - Sri Lanka
- Boudhanath Stupa - Nepal
- Swayambhunath Stupa - Nepal
- Borobudur - Java
- The One Hundred and Eight Stupas - China
- Kyaiktiyo Pagoda - (Golden Rock Stupa) - Myanmar
- Benalmadena Stupa - Spain
- The Great Stupa of Dharmakaya Which Liberates Upon Seeing - USA
- The Great Stupa of Universal Compassion - Australia

34. **Answer: c**

**Explanation:**

The correct answer is Himachal Pradesh.

★ Key Points

- **Himachal Pradesh** won the first prize under the E-Panchayat Award of 2020 in category-1.

- Himachal Pradesh state Panchayati raj department wins **1st prize under e-Panchayat Puraskar-2020**.
- This prize was given by the **Union Ministry of Panchayati Raj**.
- **All the 3,226 panchayats** of the state have been provided internet facility and people can access various services online.
- The various services such as family register, registration of birth, death and marriages are registered online in the panchayats.
- Himachal Pradesh has been selected for this award for effective implementation of an e-application developed by the Centre.

### ★ Additional Information

- Himachal Pradesh:
  - Number of Districts - 12.
  - Lok Sabha seats - 4.
  - Rajya Sabha seats - 3.
  - National Parks - Great Himalayan National Park, Pin Valley National Park, Inderkilla National Park, Khirganga National Park and Simbalbara National Park.
  - Registered GI : Kangra Paintings, Kullu Shawl, Chamba Rumal.

35. Answer: a

### Explanation:

The correct answer is martial Law.

### ★ Key Points

- A system of rules that takes effect when a military authority takes control of the normal administration of justice is called **martial Law**.
- Martial law is the imposition of direct military control of normal civilian functions of govt .
- It especially in response to a temporary emergency such as invasion or major disaster , or in an occupied territory
- It can be used by governments to enforce their rule over the public



### ★ Additional Information

- A **monarchy** is a form of government in which a person, the monarch, is head of state for life or until abdication.
- The **meaning of COUP** is a sudden decisive exercise of force in politics and especially the violent overthrow or alteration of an existing government.
- A **dictatorship** is a form of government characterized by an unelected leader or group of leaders that hold government power with few to no limitations.

36. Answer: d

### Explanation:

The correct answer is **Article 51**.

### ★ Key Points

- **Article 51** of the Indian constitution states that-
  - For the Promotion of international peace and security, The State shall endeavor to
    1. Promote international peace and security;
    2. Maintain just and honorable relations between nations;
- Foster respect for international law and treaty obligations in the dealings of organized people with one another; and encourage settlement of international disputes by arbitration.

### ★ Additional Information

- Article 50 of the Indian constitution deals with the **separation of the judiciary from the executive**.
- **Article 40** of the Indian constitution deals with the organisation of village panchayat.
- It states that
  - The State shall take steps to organize village panchayats.
  - It also endows them with such powers and authority that will enable them to function as units of self-government.

- **Article 48** of the Constitution of India is one of the Directive Principles which directs the state to make efforts for **banning animal slaughtering of cows and calves and other milch and draught cattle.**

37. **Answer: a**

**Explanation:**

The correct answer is Switzerland.

★ Key Points

- **Switzerland** won the Hopman World Cup 2019.
- Switzerland **won their third Hopman Cup** as Roger Federer and Belinda Bencic beat Germany's Alexander Zverev and Angelique Kerber.
- **Belinda Bencic and Roger Federer** are swiss tennis champions.
- It was Federer's second Hopman Cup triumph after victory in 2001 alongside then world number one Martina Hingis.
- The final was held at the **Perth Arena**.

★ Additional Information

- List of important cups and Trophies related to Tennis:

<u>Cups and Trophies</u>
Australian Open
French Open
US Open
Wimbledon
Davis Cup
Heineken Cup
Hopman Cup
Tata Open
U.Thant Cup

38. Answer: a

**Explanation:**

The correct answer is World Bank.

★ Key Points

- The Government of India sign a **\$120 million project** to improve and modernise the transport sector of Meghalaya with World Bank.
- The Government of India, the Government of Meghalaya and the World Bank today **signed a \$120-million project** to improve and modernize the transport sector of Meghalaya, a hill state located in the north east of India.
- This will help Meghalaya to harness its vast growth potential for high-value agriculture and tourism.
- The project will improve about **300 km of strategic road** segments and stand-alone bridges by using innovative, climate resilient, and nature-based solutions.

- It will also support innovative solutions such as precast bridges to reduce both time and cost of construction.

★ Additional Information

- World Bank:
  - Headquarters - Washington, D.C., United States.
  - Comprises of - The International Bank for Reconstruction and Development and The International Development Association.
- Meghalaya:
  - Lok Sabha seats - 2.
  - Rajya Sabha seats - 1.
  - State Animal - Clouded leopard.
  - State Bird - Common hill myna.
  - National Parks - Balphakram National Park, Nokrek Ridge National Park.

---

39. Answer: c

**Explanation:**

The correct answer is 15 th.

★ Key Points

- The **15th Finance Commission** was constituted on 27th November 2017 in terms of Article 280 of the Constitution of India.
- Shri N.K. Singh is the Chairman of the 15th Finance Commission of India .
- The 15th Finance Commission on 16 November 2020 submitted to Prime Minister Narendra Modi its report on the ratio in which tax is to be divided between the Centre and states over the next five years. The report titled 'Finance Commission in COVID Times' was submitted to Finance Minister Nirmala Sitharaman on the next day.

★ Additional Information

- The Commission submitted two reports – the first report consisted of recommendations for the financial year 2020–21 and the final with recommendations for 2021–26.
- The recommendations of the 15th Finance Commission for 2021–22 to 2025–26 have not been disclosed as it has not been tabled in Parliament.
- The Commission was asked to give its recommendations on wide-ranging issues. Apart from the vertical and horizontal tax devolution, local government grants, disaster management grants, it was also asked to examine and recommend performance incentives for States in many areas like the power sector, adoption of direct benefit transfer, solid waste management, etc.
- The Commission was also asked to examine whether a separate mechanism for funding of defense and internal security ought to be set up and if so, how such a mechanism could be operationalized.

40. Answer: b

**Explanation:**

The correct answer is Sugarcane.

★ Key Points

- **Sugarcane crops** needs maximum water per hectare.
- The crop water need or crop evapotranspiration consists of transpiration by the plant and evaporation from the soil and plant surface.
- The water need of a crop thus consists of transpiration plus evaporation.
- Therefore, the crop water need is also called "**evapotranspiration**".

★ Additional Information

APPROXIMATE VALUES OF SEASONAL CROP WATER NEEDS:

Crop	Crop water need (mm/total growing period)
Alfalfa	800-1600
Banana	1200-2200
Barley/Oats/Wheat	450-650
Bean	300-500
Cabbage	350-500
Citrus	900-1200
Cotton	700-1300
Maize	500-800
Melon	400-600
Onion	350-550
Peanut	500-700

Crop	Crop water need (mm/total growing period)
Pea	350-500
Pepper	600-900
Potato	500-700
Rice (paddy)	450-700
Sorghum/Millet	450-650
Soybean	450-700
Sugarbeet	550-750
Sugarcane	1500-2500
Sunflower	600-1000
Tomato	400-800

41. Answer: a

Explanation:

The correct answer is lepcha la.

★ Key Points

- **Lepcha la** connects the last south-eastern end of **Spiti valley with Shaikhar and Chango of Hagarag valley in Kinnaur .**
- Lepcha La Pass connects **the extreme southeastern end of the Spiti valley with Shaikhar and Chango of the Hangrang Valley in Kinnaur.**

★ Additional Information

Other important passes:

Passes	Location
Zoji La(Pass)	Zaskar range of Jammu & Kashmir
Banihal Pass	Jammu & Kashmir
Shipki La(Pass)	Himachal Pradesh
Bara-Lacha Pass	Himachal Pradesh
Mana Pass	Uttarakhand
Niti Pass	Uttarakhand
Jelep La(Pass)	Sikkim

42. Answer: b

**Explanation:**

The correct answer is **Subrata Rai Sahara.**

★ Key Points

- 'Life Mantras' is a book written by **Subrata Rai Sahara.**



- **Subrata Roy** is an Indian businessman who founded Sahara India Pariwar in 1978.
- Sahara India Pariwar has operated a vast number of businesses such as **Aamby Valley City, Sahara Movie Studios, Air Sahara, hockey sports, Filmy, among others.**

★ Additional Information

- **Subhash Chandra Goenka** is an Indian billionaire media baron.
  - He is the chairman of the Essel Group, an Indian media conglomerate and founded Zee TV in 1992.
- **Naresh Goyal** is a non-resident Indian businessman and founder Chairman of Jet Airways.
- **Byrraju Ramalinga Raju** is an Indian businessman. He is the founder of Satyam Computer Services and served as its chairman and CEO from 1987 until 2009.

---

43. Answer: c

Explanation:

The correct answer is mulching.

★ Key Points

- The process of covering the bare ground between plants with a layer of organic matter, to retain soil moisture is known as **mulching**.
- The material used for covering is called as '**Mulch.**'
- Mulching is usually practiced when cultivating commercially important **crops, fruit trees, vegetables, flowers, nursery saplings, etc.**

★ Additional Information

- Composting is an aerobic method of decomposing organic solid wastes. It can therefore be used to recycle organic material.
- Green manuring is the practice of turning into the soil undecomposed green plant tissue.

- The function of a green manure crop is to add organic matter to the soil.

#### 44. Answer: b

#### Explanation:

The correct answer is British East India Company.

#### ★ Key Points

- **British East India Company won the Battle of Plassey in 1757.**
- It took place on June 23, 1757.
- It was fought between the forces of East India Company headed by Robert Clive and Siraj-Ud-Daulah (Nawab of Bengal).
- It resulted in the decisive victory of the East India Company over a much larger force of Siraj-Ud-Daulah.
- After the Battle of Plassey, the Britishers virtually monopolized the trade and commerce of Bengal.

#### ★ Additional Information

- The British East India Company came to India for trade in spices, an important commodity in Europe back then, and as it was used to preserve meat.
- Apart from this, they primarily do trading in silk, cotton, indigo dye, tea, and opium.
- Mughal emperor Jahangir granted a Farman to Captain William Hawkins permitting the English to erect a factory at Surat in 1613.
- In 1615, Thomas Roe, the Ambassador to James I, got an imperial Farman from Jahangir for trading and establishing factories all across the Mughal empire.
- In 1616, the company established its first factory in the south in Masulipattanam.
- Soon, the Vijaynagara Empire will also give the company permission to open a factory in Madras and the British company started to eclipse the other European trading companies in their rising power.
- The 'East India Company' was formed in 1600.

45. Answer: a

**Explanation:**

The correct answer is Kerela

★ Key Points

- In Kerala and Karnataka, theyyam is a prominent ritual style of dance worship.
- Theyyam is made up of thousands of years of traditions, ceremonies, and customs .

★ Additional Information

- Theyyam is a kind of Hinduism that indigenous groups have practised since time immemorial.
- It includes dance, mime, and music.
- It extols the beliefs of ancient tribals who placed a high value on the worship of heroes and the spirits of their ancestors.

---

46. Answer: d

**Explanation:**

The correct answer is 14 January 1761.

★ Key Points

- The Third Battle of Panipat was fought on **14 January 1761** .
- It was fought between the Afghan invader Ahmad Shah Abdali and the Marathas under Sadashivrao Bhau Peshwa of Pune.
- Abdali won this battle.
- The war led to a power vacuum which later led to the British conquest of India.

★ Additional Information

- The first battle of Panipat was fought in 1526 .
  - The first battle of Panipat was fought between the Mughal invader Babur and Ibrahim Lodi .
  - It marked the beginning of the Mughal Empire i.e, Babur defeated Lodi and captured the throne of Delhi.
- The Second Battle of Panipat
  - It was fought on 5 November 1556
  - It was fought between Akbar and Samrat Hem Chandra Vikramaditya ( Hemu ).
  - Akbar defeated Hemu in this battle.

---

47. Answer: d

**Explanation:**

The correct answer is Pumpkin.

★ Key Points

- The genus name of Pumpkin is Cucurbita.
- Cucurbitaceae is also called a gourds family.

★ Additional Information

Important scientific names:

Animals & Birds	Scientific Names
Bison	<i>Bos gaurus</i>
Black buck	<i>Antelope cervicapra</i>
Chinkara	<i>Gazella bennettii</i>
Nilgai	<i>Boselaphus tragocamelus</i>
Wolf	<i>Canis lupus</i>
Lion	<i>Panthera leo</i>
Elephant	<i>Elephas maximus</i>
Wild Ass	<i>Equus africanus asinus</i>
Leopard or panther	<i>Panthera pardus</i>
Kashmir stag or hangul	<i>Cervus canadensis hanglu</i>
Peacock	<i>Pavo cristatus</i>

prepp  
Your Personal Exams Guide

Siberian crane	Grus leucogeranus
Fox	Vulpes vulpes
Rhinoceros	Rhinoceros unicornis
Tiger	Panthera Tigris
Crocodile	Crocodylus palustris
Gavial or Gharial	Gavialis gangeticus
Horse	Equus caballus
Zebra	Equus quagga
Buffalow	Babalus bubalis
Wild boar	Sus scrofa
Arabian camel	Camelus dromedaries
Giraffe	Giraffa camelopardalis

prepp  
Your Personal Exams Guide

House wall Lizard	Hemidactylus flaviviridis
Hippopotamus	Hippopotamus amphibius
Rhesus monkey or baudar	Macaca mulatta
Dog	Canis lupus familiaris
Cat	Felis domesticus
Cheetah	Acinonyx jubatus
Black rat	Rattus rattus
House mouse	Mus musculus
Rabbit	Oryctolagus cuniculus
Great horned owl	Bubo virginianus
House sparrow	Passer domesticus
House crow	Corvus splendens

prepp  
Your Personal Exams Guide

Common myna	Acridotheres tristis
Indian parrot	Psittacula eupatria
Bulbul	Molpastes cafer
Koel	Eudynamis scolopaccus
Pigeon	Columba livia
Indian Cobra	Naja naja
King cobra	Ophiophagus hannah
Sea snake	Hydrophiinae
Indian Python (Ajgar)	Python molurus
48. Answer: c Dhaman or rat snake	Ptyas mucosa

**Explanation:**

The correct answer is Pig.

★ Key Points

- Non-ruminant animals are animals with a **single-compartment stomach**, such as



- swine,
  - poultry,
  - horses,
  - dogs,
  - Pig
  - cats, and
  - humans.
- Hence Pig does not ruminate.
  - Non-ruminant nutrition looks at the diet of these animals as it relates to their digestion, growth, performance, and overall health.

★ Additional Information

- **Ruminants** are hooved herbivorous grazing or browsing mammals that are able to acquire nutrients from plant-based food by fermenting it in a specialized stomach prior to digestion, principally through microbial actions.
- Any mammal of the suborder Ruminantia (order Artiodactyla), which includes the **pronghorns, giraffes, okapis, deer, chevrotains, cattle, antelopes, sheep, and goats.**
- Most ruminants have a **four-chambered stomach and two-toed feet.**

49. Answer: c

**Explanation:**

The correct answer is Vesara.

★ Key Points

- **Vesara** is a style of architecture that incorporates elements of Nagara and Dravidian styles.
- It became popular after the mid-seventh century in the region of Karnataka, under the patronage of Chalukyas rulers.
- Features of Vesara style:
  - Compound walls may or may not be present .
  - Gopurams may or may not be present.

- The plan of these temples looks like a star and is thus known as a stellate plan .
- Examples: Durga Temple (Aihole), Virupaksh Temple (Pattadakal), Keshava Temple (Somnathpur) , Halebidu.

### ★ Additional Information

- The temple architecture in India is not the same everywhere.
- Basically there are three styles of temple architecture in India:
  1. Nagara Style (North India)
  2. Dravida Style (South India)
  3. Vasara style (Mix of Nagara and Dravida style)
- Nagara Style:
  1. Built on a stone platform with steps leading up to it.
  2. Have a tower or Shikhara.
  3. Have Grabhagriha ( A place for the idols of god and goddess).
  4. Examples: Kandariya Mahadeo temple at Khajuraho, Lakshamana temple
- Dravida Style:
  1. Generally enclosed within a compounded wall.
  2. The entrance gateway is known as Gopuram .
  3. The shape of Temple tower known as Vimana (similar to Shikhara in Nagara style).
  4. Large water tanks are common in the temple complex.
  5. Examples: Brahadeeshwara temple, Rajarajeswara temple .

---

### 50. Answer: b

#### Explanation:

The correct answer is Palm tree.

#### ★ Key Points

- The official symbol of Reserve Bank of India consists of **Palm tree**.
- Tiger is the animal present on the insignia of the RBI.
- Insignia of the RBI consist of a tiger and palm tree.
- Initially, Insignia of the RBI consist lion and palm tree, but later it was decided to replace the lion with the tiger.
- Tiger is the national animal of India.

### ★ Additional Information

- Reserve Bank of India was formed on 1st April 1935.
  - It is the central bank of India.
  - The recommendation of the Hilton Young Commission in 1926 leads to the formation of the Reserve Bank of India.
  - Reserve Bank of India is also called a "banker's bank".
  - RBI was nationalised on 1st January 1949.
  - RBI issues all the currency notes above one rupee.
- Sir Osborne Smith served as the first governor of RBI.
- C. D Deshmukh served as the first Indian governor of RBI.
- Shaktikanta Das is the current governor of RBI.
- RBI's functions
  1. Supervision of the financial sector.
  2. The regulator and supervisor of the financial system.
  3. Banker and debt manager to government.
  4. Managing foreign exchange.

51. **Answer: b**

### **Explanation:**

**Given:**

A man bought some toys at the rate of 112 for Rs. 448 and sold them at 9 toys for Rs. 81.

**Concept used:**

Selling price = Cost price + Gain

Gain% = (Gain/Cost price) × 100

**Calculation:**

Cost price of 112 toys = Rs. 448

So, cost price of 1 toy =  $448/112$

⇒ Rs. 4

Selling price of 9 toys = Rs. 81

So, selling price of 1 toy =  $81/9$

⇒ Rs. 9

So, gain =  $9 - 4$

⇒ 5

Gain% =  $(5/4) \times 100$

⇒ 125%

∴ His gain percentage is 125%.

---

## 52. Answer: b

**Explanation:**

**Given:**

x be the greatest 4-digit number which when divided by 9, 12, 15, 20, 24 and 72, leaves a remainder 3 in each case.

**Calculation:**

LCM of 9, 12, 15, 20, 24 and 72 = 360

Now,

By dividing 9999 with 360 we get 279 as the remainder

So, the number is  $9999 - 279 + 3$

$\Rightarrow 9723$  i.e  $x$

So, sum of the digits of  $x = 9 + 7 + 2 + 3$

$\Rightarrow 21$

$\therefore$  The required answer is 21.

### ★ Shortcut Trick

$\therefore$  The Number is also divisible by 9 so we'll use digital sum concept.

$\Rightarrow$  The Number = (The Sum of the digits of the no.s should be multiple of 9) + 3.

$\Rightarrow$  We'll go by the option elimination method.

$\Rightarrow$  Option 2),  $21 = 2 \times 9 + 3$ , which satisfies the above condition.

### 53. Answer: b

#### Explanation:

Given:

The average of eight consecutive odd numbers, taken in descending order, is 82

Concept used:

Average = Sum of elements/Number of elements

Calculation:

Let the first number be  $x$

According to the question,

$$x + (x - 2) + (x - 4) + (x - 6) + (x - 8) + (x - 10) + (x - 12) + (x - 14) = 82 \times 8$$

$$\Rightarrow 8x - 56 = 656$$

$$\Rightarrow 8x = 656 + 56$$

$$\Rightarrow 8x = 712$$

$$\Rightarrow x = 89$$

So, the first number is 89

Now,

$$\text{Total of first four numbers} = 89 + 87 + 85 + 83$$

$$\Rightarrow 344$$

$$\text{Average} = 344/4$$

$$\Rightarrow 86$$

$\therefore$  The required answer is 86.

## Your Personal Exams Guide

### 54. Answer: c

#### Explanation:

Given:

A sum of Rs. 8,400 amounts to Rs. 10,899 in  $3\frac{1}{2}$  years at a certain rate per cent per annum, at simple interest.

Formula used:

$$S.I = (P \times T \times R)/100$$

$$\text{Amount} = P + S.I$$

Here,

P = Sum

T = Time

R = Rate

**Calculation:**

Interest = 10899 - 8400

⇒ 2499

Let the rate be R

So,

$$2499 = [(8400 \times 7 \times R)/200]$$

$$\Rightarrow 2499 = 294R$$

$$\Rightarrow R = 2499/294$$

$$\Rightarrow R = 8.5$$

So, rate = 8.5

Now,

$$[(8400 \times 14 \times 17)/300]$$

$$\Rightarrow 6664$$

So, amount = 8400 + 6664

$$\Rightarrow 15064$$

∴ The required sum will be Rs. 15064.

55. Answer: c

### Explanation:

Given:

Solutions A and B contain acid and water in the ratio 4 : 3 and 9 : 5

Calculation:

Total acid after mixing of two solution =  $4 \times (4/7) + 5 \times (9/14)$

$$\Rightarrow 16/7 + 45/14$$

$$\Rightarrow (32 + 45)/14 = 77/14 = 11/2$$

Total water after mixing of two solution =  $4 \times (3/7) + 5 \times (5/14)$

$$\Rightarrow 12/7 + 25/14$$

$$\Rightarrow (24 + 25)/14 = 49/14 = 7/2$$

Ratio =  $11/2 : 7/2$

$$\Rightarrow 11 : 7$$

$\therefore$  The ratio of acid and water in the resulting mixture is 11 : 7.

Your Personal Exams Guide

### 56. Answer: b

### Explanation:

Given:

Three speeds = 5 km/h, 8 km/h and 10 km/h

Total time taken = 61 min 12 sec

Formula used:

Time = Distance/Speed



1 hour = 60 minutes

**Calculation:**

Let the distance traveled in each speed is  $x$  km

Time is taken in each speed by a person to travel the same distance =  $x/5$ ,  $x/8$  and  $x/10$

According to question  $(x/5) + (x/8) + (x/10) = 1 + (72/3600)$

$$\Rightarrow (8x + 5x + 4x)/40 = 1 + (1/50)$$

$$\Rightarrow 17x/40 = (50 + 1)/50$$

$$\Rightarrow 17x/40 = 51/50$$

$$\Rightarrow x = (51 \times 40)/(17 \times 50)$$

$$\Rightarrow x = 2.4$$

Total distance traveled at three different speeds =  $2.4 \times 3$

$$\Rightarrow 7.2 \text{ km}$$

$\therefore$  The total distance traveled by a person is 7.2 km.

**57. Answer: a**

**Explanation:**

**Given:**

The average age of Ajay, his wife and their child 7 years ago = 42 years

The average age of Ajay's wife and their 9 years ago = 38 years

**Formula used:**

Average = Sum of terms/Total no of terms

**Calculation:**

Ajay = (A), Wife = (W) and Child = (C)

Sum of ages of A, W and C seven years ago =  $42 \times 3 = 126$

Sum of present ages of A, W and C =  $126 + 3 \times 7$

$\Rightarrow 126 + 21$

$\Rightarrow 147$

Again,

Sum of age of W and C, 9 years ago =  $38 \times 2 = 76$

Present sum of age of W and C =  $76 + 2 \times 9$

$\Rightarrow 76 + 18$

$\Rightarrow 94$

Present age of Ajay =  $147 - 94 = 53$

$\therefore$  The correct answer is 53.

Your Personal Exams Guide

**58. Answer: a**

**Explanation:**

**Given:**

A is 120% of B and B is 85% of C

The sum of A, B and C is  $143\frac{1}{2}$

**Calculation:**

A = 120% of B

$$\text{So, } A/B = 6/5$$

$$\text{So, } A : B = 6 : 5$$

Again

$$B = 85\% \text{ of } C$$

$$B/C = 17/20$$

$$\text{So, } B : C = 17 : 20$$

Now,

$$\text{By equalling } B \text{ in each case we get } = A : B : C = 102 : 85 : 100$$

Let A, B, and C be  $102x$ ,  $85x$ , and  $100x$

So,

$$102x + 85x + 100x = 143\frac{1}{2}$$

$$\Rightarrow 287x = \frac{287}{2}$$

$$\Rightarrow x = \frac{1}{2} \text{ or } 0.5$$

$$\text{So, } A = 102 \times 0.5 = 51$$

$$B = 87 \times 0.5 = 42.5$$

$$C = 100 \times 0.5 = 50$$

Now,

$$C - 4B + 2A = 50 - 4 \times 42.5 + 2 \times 51$$

$$\Rightarrow 50 - 170 + 102$$

$$\Rightarrow -170 + 152$$

$$\Rightarrow -18$$

$\therefore$  The required answer is  $-18$ .

59. Answer: a

**Explanation:**

Given:

A and B can complete a work in 18 days and 10 days, respectively.

Concept used:

Total work = efficiency of the works  $\times$  time taken by them

Calculation:

LCM of 18 and 10 = 90 i.e total work

So, the efficiency of A =  $90/18 = 5$  units/day

Efficiency of B =  $90/10 = 9$  units/day

In 5 days work completed =  $5 \times (5 + 9)$

$\Rightarrow 5 \times 14 = 70$  units

Remaining work =  $90 - 70$

$\Rightarrow 20$  units

A and C completed the 20 units of the work in 3 days

So, the effective efficiency of A and C =  $20/3$  units/day

Efficiency of C =  $20/3 - 5$

$\Rightarrow (20 - 15)/3$  units/day

$\Rightarrow 5/3$  units/day

So, the required time to complete the work alone by C =  $90/(5/3)$

$\Rightarrow 90 \times (3/5)$  days

$\Rightarrow 54$  days

$\therefore$  C alone will take 54 days to complete the entire work .

---

**60. Answer: c**

**Explanation:**

Given:

$\frac{1}{7}$  of a number equal to  $\frac{2}{5}$  of another number.

Calculation:

Let the numbers be x and y

According to the question,

$$\frac{x}{7} = \frac{2y}{5}$$

$$\Rightarrow \frac{x}{y} = \frac{14}{5}$$

So,  $x : y = 14 : 5$

$\therefore$  The ratio of the first number to the second number is 14 : 5

---

**61. Answer: b**

**Explanation:**

Given:

Vishal decided to donate 12% of his salary to the PM Relief Fund.

His donation was Rs. 4200 which is 70% of actual

**Calculation:**

According to the question,

His actual donation should be  $4200 \times (100/70)$

$\Rightarrow$  Rs. 6000

Now,

Salary  $\times (12/100) = 6000$

$\Rightarrow$  Salary =  $6000 \times (100/12)$

$\Rightarrow$  Salary = 50000

$\therefore$  His monthly salary is Rs. 50000.

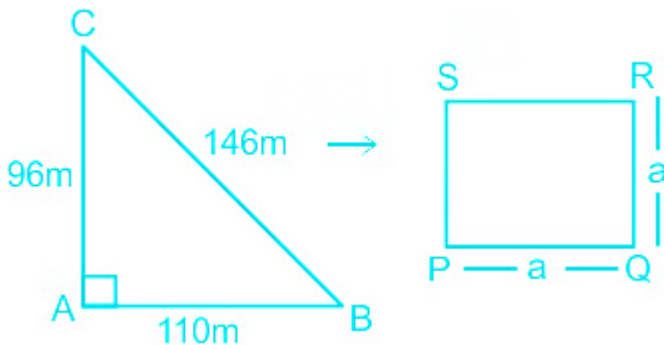
**62. Answer: a**

**Explanation:**

**Given:**

Sides of triangular field = 96m, 110m and 146m

**Formula used:**



Area of right triangle =  $1/2 \times \text{base} \times \text{height}$

Area of square = side <sup>2</sup>

**Calculation:**

Using pythagoras theorem,

$$146^2 = 96^2 + 110^2$$

Then, triangle is right angled triangle.

$$\text{Area of triangular field} = \frac{1}{2} \times 96 \times 110$$

$$\Rightarrow 5280 \text{ sq.m}$$

$$\text{Area of square field} = 5280 \text{ sq.m}$$

Let the side of the square field be a.

$$\Rightarrow a^2 = 5280$$

$$\Rightarrow a = 4\sqrt{330} \text{ m}$$

$$\text{So, side of the square field} = 4\sqrt{330} \text{ m}$$

$\therefore$  The side (in m) of the square field is  $4\sqrt{330}$ .

**63. Answer: b**

**Explanation:**

**Given:**

$$\text{Average speed} = 75 \text{ km/hr}$$

**Formula used:**

$$\text{Distance} = \text{Speed} \times \text{time}$$

**Calculation:**

Let the distance be y km

Time is taken by him =  $\frac{y}{75}$  h

60% of the distance = 60% of  $y = \frac{3y}{5}$

Time is taken by him to complete the distance of  $y$  km =  $\frac{y}{75} \times \frac{8}{15}$

$$\Rightarrow \frac{8y}{1125}$$

Rest distance =  $y - \frac{3y}{5}$

$$\Rightarrow \frac{2y}{5}$$

Time taken by him =  $\frac{y}{75} - \frac{8y}{1125}$

$$= \frac{7y}{1125}$$

Now, according to the question,

$$x = \frac{\frac{2y}{5}}{\frac{7y}{1125}}$$

$$\Rightarrow x = 64.285 \text{ km} \approx 64 \text{ km}$$

$\therefore$  The value of  $x$  (Nearest to an integer) is 64.

#### 64. Answer: d

#### Explanation:

Given:

The cost price of 28 articles is equal to the selling price of 18 articles.

Formula used:

Profit = Selling price - Cost price

Gain% =  $(\text{Profit} / \text{Cost price}) \times 100$

Calculation:



The cost price of 28 articles is equal to the selling price of 18 articles.

$$\Rightarrow 28 \text{ Cost Price} = 18 \text{ Selling Price}$$

$$\Rightarrow \text{Cost Price} / \text{Selling Price} = 18/28$$

$$\text{Profit} = 28 - 18 = 10$$

$$\text{Profit \%} = 10/18 \times 100$$

$$\Rightarrow 55\frac{5}{9}\%$$

$\therefore$  The profit percentage is  $55\frac{5}{9}\%$ .

---

**65. Answer: a**

**Explanation:**

**Given:**

Discount = 15% and 25%

**Concept used:**

$$\text{Successive discount} = x + y - (xy)/100$$

Here,

x and y two individual single discount

**Calculation:**

According to the concept used,

$$\text{Single discount} = 15 + 25 - [(15 \times 25)/100]$$

$$\Rightarrow 40 - [375/100]$$

$$\Rightarrow 40 - 3.75$$

$\Rightarrow 36.25$

$\therefore$  The required discount is 36.25%.

**66. Answer: c**

**Explanation:**

Given:

12389x6378y is divisible by 72

**Concept used:**

Divisibility rule of 9 = If the sum of digits of the number is divisible by 9, then the number itself is divisible by 9.

Divisibility Rule of 8 = If the last three digits of a number are divisible by 8, then the number is completely divisible by 8.

**Calculation:**

78y is divisible by 8

The only possible value of y is 4 as 784 is divisible by 8

Now,

$1 + 2 + 3 + 8 + 9 + x + 6 + 3 + 7 + 8 + 4 = 51 + x$  is divisible by 9

54 is the closest number which is divisible by 9

So,  $x = 3$

Now,

$$\sqrt{7x + 7y} = \sqrt{7 \times 3 + 7 \times 4}$$

$$\Rightarrow \sqrt{21 + 28}$$

$$\Rightarrow \sqrt{49}$$

$$\Rightarrow 7$$

∴ The required answer is 7.

---

**67. Answer: d**

**Explanation:**

**Given:**

Discount % = 14% and 10%

Selling price = Rs. 3483

**Concept used:**

Selling price = Marked price  $\times$  (100 - Discount)/100

**Calculation:**

According to the question,

$$\text{Marked price} \times (86/100) \times (90/100) = 3483$$

$$\Rightarrow \text{Marked price} = 3483 \times (50/43) \times (10/9)$$

$$\Rightarrow \text{Marked price} = 4050 \times (10/9)$$

$$\Rightarrow \text{Marked price} = 4500$$

So, marked price = Rs. 4500

∴ The marked price is Rs. 4500.

---

**68. Answer: c**

### Explanation:

Given:

A fruit seller sells apples at the rate of Rs. 68 per kg and thereby loses 15%

Concept used:

$$\text{Selling price} = \text{Cost price} \times (100 + \text{profit})/100$$

$$\text{Selling price} = \text{Cost price} \times (100 - \text{loss})/100$$

Calculation:

According to the question,

$$\text{Cost price} \times (85/100) = 68$$

$$\Rightarrow \text{Cost price} = 68 \times (100/85)$$

$$\Rightarrow \text{Cost price} = 80$$

Now,

$$\text{Required selling price} = 80 \times (110/100)$$

$$\Rightarrow 88$$

$\therefore$  The required answer is Rs. 88.

---

### 69. Answer: a

### Explanation:

Given:

$$\left(\frac{3}{4} - \frac{1}{3} \div \frac{1}{3} \text{ of } \frac{9}{5}\right) \div \left(\frac{7}{16} \div \frac{1}{2} \text{ of } \frac{1}{5}\right) \text{ of } \frac{4}{15} - \frac{2}{3}$$

Concept used:

<b>B</b>	Brackets in order (), {}, []	ब्रैकेट (), {}, [] क्रम में
<b>O</b>	of	का
<b>D</b>	Division (÷)	विभाजन (÷)
<b>M</b>	Multiplication (×)	गुणा (×)
<b>A</b>	Addition (+)	जोड़ (+)
<b>S</b>	Subtraction (-)	घटाव (-)

**Calculation:**

$$\left(\frac{3}{4} - \frac{1}{3} \div \frac{1}{3} \text{ of } \frac{9}{5}\right) \div \left(\frac{7}{16} \div \frac{1}{2} \text{ of } \frac{1}{5}\right) \text{ of } \frac{4}{15} - \frac{2}{3}$$

$$\Rightarrow \left(\frac{3}{4} - \frac{1}{3} \div \frac{3}{5}\right) \div \left(\frac{7}{16} \div \frac{1}{10}\right) \text{ of } \frac{4}{15} - \frac{2}{3}$$

$$\Rightarrow \left(\frac{3}{4} - \frac{1}{3} \times \frac{5}{3}\right) \div \left(\frac{7}{16} \times 10\right) \text{ of } \frac{4}{15} - \frac{2}{3}$$

$$\Rightarrow \left(\frac{3}{4} - \frac{5}{9}\right) \div \frac{35}{8} \text{ of } \frac{4}{15} - \frac{2}{3}$$

$$\Rightarrow \left(\frac{27-20}{36}\right) \div \frac{35}{8} \text{ of } \frac{4}{15} - \frac{2}{3}$$

$$\Rightarrow \frac{7}{36} \div \frac{35}{8} \text{ of } \frac{4}{15} - \frac{2}{3}$$

$$\Rightarrow \frac{7}{36} \div \frac{7}{6} - \frac{2}{3}$$

$$\Rightarrow \frac{7}{36} \times \frac{6}{7} - \frac{2}{3}$$

$$\Rightarrow \frac{1}{6} - \frac{2}{3}$$

$$\Rightarrow \frac{1-4}{6}$$

$$\Rightarrow \frac{-3}{6}$$

$$\Rightarrow \frac{-1}{2}$$

∴ The required answer is  $\frac{-1}{2}$ .

70. Answer: d

**Explanation:**

Given:

The present ages of A and B are in the ratio 14 : 17.

Eight years from now, the ratio of their ages will be 6 : 7.

**Calculation:**

Let the present age of A and B be  $14x$  and  $17x$

According to the question,

$$\frac{14x+8}{17x+8} = \frac{6}{7}$$

$$\Rightarrow 98x + 56 = 102x + 48$$

$$\Rightarrow 56 - 48 = 102x - 98x$$

$$\Rightarrow 4x = 8$$

$$\Rightarrow x = 2$$

So, the present ages of A and B = 28 and 34

$$\text{Difference} = 34 - 28$$

$$\Rightarrow 6 \text{ years}$$

$\therefore$  The difference (in years) between their present ages is 6.

71. Answer: c

**Explanation:**

**Given:**

A can do a certain work in 18 days and B can do it in 30 days.

**Concept used:**

Total work = efficiency of the works  $\times$  time taken by them

**Calculation:**

LCM of 18 and 30 = 90 i.e total work

So, the efficiency of A =  $90/18 = 5$  units/day

Efficiency of B =  $90/30 = 3$  units/day

In 6 days work completed =  $6 \times (5 + 3)$

$\Rightarrow 6 \times 8 = 48$  units

Remaining work =  $90 - 48$

$\Rightarrow 42$  units

C completed the 42 units of the work in 7 days

So, C's efficiency =  $42/7 = 6$  units/day

Effective efficiency of A, B and C =  $5 + 3 + 6$

$\Rightarrow 14$  units/day

So, the required time =  $90/14$

$\Rightarrow 6\frac{3}{7}$  days

$\therefore$  A, B and C will together complete the same work in  $6\frac{3}{7}$  days.

---

**72. Answer: c**

**Explanation:**

Given:

$$2\frac{1}{36} \div \frac{5}{9} \text{ of } (5\frac{1}{10} + 2\frac{1}{5}) + \frac{3}{5} \div 4\frac{1}{5}$$

Concept used:

<b>B</b>	Brackets in order {}, [], ()	ब्रैकेट {}, [], () क्रम में
<b>O</b>	of	का
<b>D</b>	Division (÷)	विभाजन (÷)
<b>M</b>	Multiplication (×)	गुणा (×)
<b>A</b>	Addition (+)	जोड़ (+)
<b>S</b>	Subtraction (-)	घटाव (-)

Calculation:

$$2\frac{1}{36} \div \frac{5}{9} \text{ of } (5\frac{1}{10} + 2\frac{1}{5}) + \frac{3}{5} \div 4\frac{1}{5}$$

$$\Rightarrow 2\frac{1}{36} \div \frac{5}{9} \text{ of } (\frac{51}{10} + \frac{11}{5}) + \frac{3}{5} \div 4\frac{1}{5}$$

$$\Rightarrow 2\frac{1}{36} \div \frac{5}{9} \text{ of } (\frac{51+22}{10}) + \frac{3}{5} \div 4\frac{1}{5}$$

$$\Rightarrow 2\frac{1}{36} \div \frac{5}{9} \text{ of } \frac{73}{10} + \frac{3}{5} \div 4\frac{1}{5}$$

$$\Rightarrow 2\frac{1}{36} \div \frac{73}{18} + \frac{3}{5} \div 4\frac{1}{5}$$

$$\Rightarrow \frac{73}{36} \div \frac{73}{18} + \frac{3}{5} \div \frac{21}{5}$$

$$\Rightarrow \frac{73}{36} \times \frac{18}{73} + \frac{3}{5} \times \frac{5}{21}$$

$$\Rightarrow \frac{1}{2} + \frac{1}{7}$$

$$\Rightarrow \frac{7+2}{14}$$

$$\Rightarrow \frac{9}{14}$$



$\therefore$  The required answer is  $\frac{9}{14}$ .

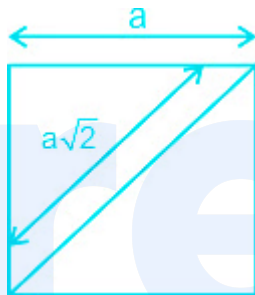
**73. Answer: c**

**Explanation:**

**Given:**

Area of the square piece of cloth =  $841 \text{ cm}^2$

**Concept used:**



Area of a square =  $a^2$

Diagonal of a square =  $a\sqrt{2}$ , where  $a \rightarrow$  side of the square

**Calculation:**

Area of square piece cloth =  $841 \text{ cm}^2$

$$\Rightarrow a^2 = 841$$

$$\Rightarrow a = \sqrt{841}$$

$$\Rightarrow a = 29 \text{ cm}$$

So, the diagonal of the cloth =  $a\sqrt{2} = 29\sqrt{2} \text{ cm}$

$\therefore$  The length of each of its diagonal is  $29\sqrt{2} \text{ cm}$ .

**74. Answer: d**

**Explanation:**

Given:

The simple interest on a certain sum at 4% p.a. is  $\frac{4}{25}$  of the sum in r years.

Formula used:

$$S.I = (P \times T \times R)/100$$

Calculation:

Let the sum be 25P

$$\text{So, interest} = 25P \times \frac{4}{25}$$

$$\Rightarrow 4P$$

Now,

$$4P = (25P \times r \times 4)/100$$

$$\Rightarrow 4P = (100Pr)/100$$

$$\Rightarrow 4P = Pr$$

$$\Rightarrow 4 = r$$

$\therefore$  The value of r is 4.

---

**75. Answer: a**

**Explanation:**

Formula used:

$$S.I = (P \times T \times R)/100$$

$$\text{Amount} = P + S.I$$

Here,

$$P = \text{Sum}$$

$$T = \text{Time}$$

$$R = \text{Rate}$$

**Calculation:**

Let the sum be  $100x$

$$\text{So, Interest for 1st 6 months} = (100x \times 5 \times 6)/(12 \times 100)$$

$$\Rightarrow 2.5x$$

$$\text{New sum} = 100x + 2.5x$$

$$\Rightarrow 102.5x$$

$$\text{Interest for 2nd 6 months} = (102.5x \times 5 \times 6)/(12 \times 100)$$

$$\Rightarrow 2.5625x$$

$$\text{Amount after 1 year} = 102.5x + 2.5625x$$

$$\Rightarrow 105.0625x$$

$$\text{Interest after 1 year} = 105.0625x - 100x$$

$$\Rightarrow 5.0625x$$

$$\text{Accrued interest rate} = (5.0625x/100x) \times 100$$

$$\Rightarrow 5.0625\% \approx 5.06\%$$

$\therefore$  The required interest rate is 5.06%.

76. Answer: a

Explanation:

The correct answer is **Pityful** .

★ Key Points

- The wrongly spelt word is **Pityful** .
- The correct spelling is **Pitiful** which means causing you to feel pity or sadness (दयनीय, कारुणिक).
  - Example: *The **pitiful** groans of the wounded soldiers.*

The correct choice is **option 1** .

★ Additional Information

- **Tactful**: careful not to say or do things that could offend people (व्यवहार-कुशल (लोगों को नाराज़ कर सकने वाली बातें न कहने या करने वाला), चतुर)
- **Plead**: to ask somebody for something in a very strong and serious way (गंभीरतापूर्वक याचना करना, चिरोरी करना)
- **Guilty**: having broken a law; being responsible for doing something wrong (क़ानून तोड़ने वाला; ग़लत काम करने वाला)

Your Personal Exams Guide

77. Answer: d

Explanation:

The correct answer is **I am wanting**.

★ Key Points

- In the given sentence, the error lies in the part ' **I am wanting**.'
- This part is using the incorrect tense.
- The given sentence is in the Simple Present Tense.

- The structure of the Simple Present Tense is – **Subject + first form of the verb + s/es (if needed) + Object.**

The correct answer to this question is 'I want to give Avika a book on her birthday.'

★ Additional Information

- Simple Present Tense indicates an action that takes place in the present, but actions do not have to take place right now.
- Examples of **Simple Present Tense** –
  - *I love to read books.*
  - *She prefers to go by bus rather than by bicycle.*
  - *We attend our college lectures regularly.*

78. Answer: a

Explanation:

The correct answer is **General**.

★ Key Points

- **Specific** means something relating to one thing, not others or something particular.
  - Example: *Everyone in our class was given a specific duty to perform.*
- **General** means referring to everything or involving everything.
  - Example: *There is general concern about pollution in Delhi.*
- **Specific** and **General** have different meanings.

Therefore, the correct answer is **General**.

★ Additional Information

- **Exact** means something correct, accurate, and precise.
- **Different** means something that is not the same as others or unique.
- **Limited** means something small in amount or confined within limits.

79. Answer: a

**Explanation:**

The correct answer is " **confidence.** "

★ Key Points

- In the given options the most appropriate option to fill in the blank is ' **confidence.** '
- You feel confident when you are ' **sure about something.** '
  - **Example** : *Good marks increase our **confidence** .*

The correct sentence is: Preparing for an examination needs good planning and *confidence*.

★ Additional Information

- Let us understand the meaning of other options
- **Lethargy** means a lack of energy.
  - **Example** : *The concert was **lethargic** .*
- **Arrogance** means the opposite of modesty.
  - **Example** : *Due to **arrogance** he lost many of his good friends.*
- **Mortality** means temporality.

---

80. Answer: d

**Explanation:**

The correct answer is " **Friend of mine.** "

★ Key Points

- The most appropriate option that substitutes the underlined word is ' **Friend of mine.** '

- One should use ' **myself** ' only while he is subject or **performing an action** .
- One should use **mine** only when he is **referring to himself**.

The correct sentence is: *I'm going to Mumbai next week. A **friend of mine** has invited me to her wedding.*

★ Additional Information

- Let us understand when to use me in a sentence.
- ' **Me** ' is a pronoun and it is used when **you are speaking about receiving the action from the verb**.
  - **Example** : *My friend helped **me** to do a task .*

81. Answer: a

Explanation:

The correct answer is " **at one more week.** "

★ Key Points

- The part which contains the error is ' **at one more week.** '
- ' **at** ' is used when we are referring to an address/time/location.
  - **Example** : *I was **at** the coffee shop when Shivani called me.*
- The correct sentence is "*Rajeev has extended his leave for one more week.*"

★ Additional Information

- Let us know when to use ' **for** . '
- ' **for** ' is used when we are talking about the purpose or reason of something.
  - **Example** : *I am going **for** lunch with friends.*

82. Answer: c

Explanation:

The correct answer is " **Mixture** ."

★ Key Points

- The most appropriate synonym for Amalgam is ' **Mixture** .'
- **Amalgam** means a mixture/blend of 2 or more substances.
  - **Example** :*The theme of fashion is an **amalgam** of western and traditional.*
- **Mixture** means a blend of 2 or more substances.
  - **Example** :*Alloy is a **mixture** of 2 or more metals.*

★ Additional Information

- Let us know about other words.
- **Monograph** means writing something in a detailed way.
  - **Example** :*His **monograph** on Gandhiji's life was awarded.*
- **Telegram** means a way of sending messages.
  - **Example** :*An old man used to **telegram** his son every month.*
- **Distance** means the length between two points.
  - **Example** :*The **distance** between Mumbai to Pune is 300 km.*

---

83. Answer: c

**Explanation:**

The correct answer is " **hamper** ."

★ Key Points

- The most appropriate option is ' **hamper** .'
- **Hamper** means affects.
  - **Example** :*Using a mobile excessively **hampered** a child's brain.*

The correct sentence is '*Too much television watching can **hamper** the thinking process of a child.*'

★ Additional Information



- Let us know about other words.
- **Instigating** means encouraging to do something terrible.
  - **Example** :*He **instigates** others about war.*
- **Interrogate** means to ask about an action or event.
  - **Example** :*Police **interrogated** the thief.*
- **Horrify** means frighten.
  - **Example** :*Her ideas are always **horrifying** .*

---

84. Answer: b

**Explanation:**

The correct answer is " **Short** ."

★ Key Points

- The most appropriate synonym for concise is ' **short** '.
- **Concise** means giving a lot of information in short.
  - **Example** :*Explain the big bang theory **concisely** .*
- **Short** means small, tiny.
  - **Example** :*Her hairs are **short** .*

★ Additional Information

- Let us know about other words.
- **Lengthy** means long, elongated
  - **Example** :*This practical is **lengthy***
- **Fine** means very thin.
  - **Example** :*a **thin** sewing thread.*
- **Abrupt** means sudden.
  - **Example** :*The accident happened **abruptly** .*

---

85. Answer: d

## Explanation:

The correct answer is " **screeching** ."

### ★ Key Points

- The most appropriate option that substitutes the underlined word is ' **screeching** .'
- **Screeching** means **loud and harsh noise** .
  - **Example** :*Her mother is **screeching** at her for not studying properly.*

The correct sentence is '*He suddenly stopped the car and the **screeching** of the brakes irritated us.*'

### ★ Additional Information

- Let us understand other words.
- **Stacking** means **arranging things one on one** .
  - **Example** :*After exams, I **stacked** all books.*
- **Snarling** means **showing teeth angrily**.
  - **Example** :*Dog generally **snarls***
- **Beseeching** means **appealing**
  - **Example** :*He **beseeched** his brother to stay for a few days.*

Your Personal Exams Guide

## 86. Answer: b

## Explanation:

The correct answer is **Cardiologist**.

### ★ Key Points

- The word " **cardiologist** " is made of **two parts** .
- The first part is " **cardio** " , which originates from the **Latin word "kardia", meaning heart**.

- The second part, the suffix **"-ologist,"** refers to a person who studies a particular area.
- Therefore, if we combine two parts, it refers to someone specialising in the study or treatment of heart abnormalities.

★ Additional Information

- The word **Neurologist** refers to someone **specialising in the study or treatment of the nervous system.**
- The word **Dermatologist** refers to someone **specialising in the study or treatment of skin abnormalities.**
- The word **Ophthalmologist** refers to someone **specialising in the study or treatment of the human eye.**

---

87. Answer: d

**Explanation:**

The correct answer is **Predator**.

★ Key Points

- The word **predator** refers to **an animal that hunts or preys on another animal** .
  - **Example:***Tiger is an example of a predator animal that preys on other animals like deer, boar etc .*
- The word **victim** refers to **someone who has been affected negatively due to some mishap or accident, or other events** .
  - **Example:***He is a victim of yesterday's car accident on the Ahmedabad-Delhi highway.*
- **Omnivore** refers to animals **that eat everything** . They are both carnivorous as well as herbivorous at the same time.
  - **Example:***Human being is an omnivore animal.*
- **Hostile** refers to **the feeling of hatred or dislike or opposition** towards something or someone.
- If someone is hostile to something or someone, that means he considers the other thing or other people as an enemy of himself.

- **Example** – *He is pretty hostile to street dogs without any reason.*

★ Additional Information

- All the " **predator** ' animals are **carnivorous** .
- **Carnivores** refer to animals that **eat other animals to survive** .
  - Carnivores generally prey on herbivores. **Examples** include Tiger, Lion etc.
- **Herbivores** refer to animals **that survive on plants** .
  - **Example** : Deer, Goat, Cow.

---

88. **Answer: b**

**Explanation:**

The correct answer is **Epidemic**.

★ Key Points

- **Epidemic** refers to the **sudden increase of a particular infectious disease** among a larger group of people at a particular time in a specific geographical locale.
- As it affects a larger group of the population, it is hard to control an epidemic.
  - **Example**–*Spreading of Ebola throughout West Africa in 2014-2016.*
- **Endemic** refers to a **disease always present** in a particular region or among a particular group.
  - **Example:***In many countries, malaria is considered an Endemic.*
- **Equinox** refers to a particular time or date when the sun crosses the equator and the length of day and night become equal.
- If something is contagious, that means, it can easily get transferred from one person to another through direct means.
- In medical science, contagious disease refers to a disease which can easily get transmitted from one person to another through direct touch.
  - **Example:***Influenza is a contagious disease.*

★ Additional Information

- **Epidemic** is the sudden outbreak of infectious disease at a particular point in time. It can occur monthly or yearly.
- An **endemic** is a disease that is always there in a particular area.
- A **pandemic** refers to the sudden outbreak of infectious disease **throughout the whole country or world** .
- When an epidemic affects a whole country or the world, it becomes a pandemic.

89. Answer: c

### Explanation:

The correct answer is **Person who doesn't fit into a group.**

#### ★ Key Points

- Odd man out refers to a person **different from the others in a group.**
- While in a group or in a given situation, everybody has **the same characteristics or behaves in the same manner** , the **person who doesn't follow the principle of sameness or acts differently** is considered as an odd man out.
  - **Example** - *If you are going to sit in the corner like a silent monk while the others are dancing, you will be the odd man out.*

#### ★ Additional Information

- An idiom is a phrase or a group of words **which has a meaning different from what the syntax of the phrase conveys** .
- The meaning cannot be deduced from the structure of the phrase.
- It is an ornamental use of language.
  - Example: **Pull someone's leg** means **to joke with someone** .
    - *Sorry, Ramesh! I was just pulling your leg .*
  - **Once in a blue moon** means **rarely**.
  - *I see you in the campus once in a blue moon.*

90. Answer: c

**Explanation:**

The correct answer is **To escape a difficult situation.**

★ Key Points

- If someone is off the hook, he/she has **escaped a difficult situation** .
- **Example:** *Now he is off the hook as he was able to submit the assignment just a second before the deadline, otherwise he has to face punishment.*

★ Additional Information

- An idiom is a phrase or a group of words which has a meaning different from what the syntax of the phrase conveys .
- The meaning cannot be deduced from the structure of the phrase.
- It is an **ornamental use of language**.
  - **Example :Spill the beans** means **to reveal a secret** .
    - *He spills the beans in front of everyone about the surprise party.*
  - **Break a leg** means **to wish someone luck** .
    - *Go and break a leg in the quiz competition.*

---

Your Personal Exams Guide

---

91. Answer: d

**Explanation:**

The correct answer is Presence.

★ Key Points

- The correct spelling of the word is **Presence**.
-

92. Answer: b

**Explanation:**

The correct answer is **Disappear**.

★ Key Points

- The word " **emerge**" means to " **appear**".
  - Therefore, **disappear** is the suitable antonym for emerge.
- The word " **arrive**" means to **reach somewhere** .
  - **Example** - *Yesterday, he arrived at his office quite late.*
- "Flow" refers to a **motion** .
  - **Example**- *The river flows.*
- "Rise" means to **appear** from somewhere.
  - **Example:** *The sun rises in the east.*

★ Additional Information

- An antonym refers to words which are opposite in meaning.
  - **Example** - *Stand and sit*

*Hot and cold.*

Your Personal Exams Guide

---

93. Answer: a

**Explanation:**

The correct answer is **Obvious**.

★ Key Points

- The phrase " **obvious** " stands for something certain.
  - The complete sentence will be: **Unemployment has been the most obvious result of recession.**

- "Awkward" refers to an **embarrassing or unpleasant situation** .
  - **Example**-*He never stops asking awkward question even to the person whom he hardly knows .*
- The word "**public**" refers to something **open to everyone** .
  - **Example**-*The test results will be made public soon.*
- "**Eminent**" means "**famous** ." .
  - **Example** -*Dr Ghosh is an eminent scholar of history.*

94. Answer: a

### Explanation:

The erroneous part is: **Treasure Island is** .

#### ★ Key Points

- The use of 'been' in the second part of the sentence implies that the context is in the **perfect tense** .
- Also, 'right from my childhood days' hints at the fact that the action just happened in the recent past and still has its effect in the present or an action that represents an indefinite time in the past.
- This tense is expressed by adding one of the auxiliary verbs – have, **has** , or had – to the past participle form of the main verb.
  - For example: I **have seen** the movie that was nominated for an Academy Award.
- Similarly, in this context, we can easily understand that the context is in the **present perfect tense** .
- Thus, 'has' must replace 'is' after 'Treasure Island'.

Therefore, the correct answer is: *Treasure Island **has** always been my favourite book right from my childhood days*

95. Answer: c



## Explanation:

The correct answer is "were surrounded".

### ★ Key Points

- The correct sentence will be: " The captain and his sailors were surrounded by pirates."
- As the subject is in the **third person plural form** " was" will be replaced by "were".
- "Were surrounding" will be used in the case of **past continuous tense** .

### ★ Additional Information

- "Was" is used in **the past tense** when a subject is a **third person or first singular number** .
  - **Example**– *The thief was surrounded by an angry mob.*

*I was given a book by him*

---

96. Answer: d

## Explanation:

The correct answer is **According**.

### ★ Key Points

- **According to** means in the opinion of an individual or a group.
  - **Example:** *Students always did everything according to the rules of the school.*
- So the word ' **According** ' fits in the blank no.1.

The correct sentence is: **Listening to Mozart can significantly increase your intelligence, according to research in America** .

### ★ Additional Information

- **Allowing** means permitting someone to do something or something to happen.
  - **Awarding** means giving someone a prize, or payment as an award.
  - **Acceding** means agreeing on a request or a demand.
- 

97. **Answer: a**

**Explanation:**

The correct answer is **the**.

★ Key Points

- "**The**" is a definite article and it refers to **the particular effect** of listening to Mozart.
- The complete sentence is: "**Unfortunately, the effect is temporary.**"

★ Additional Information

- A definite article is used to refer to some particular object.
    - **Example:** *I want the black book from the self.*
  - While indefinite article like "a" or "an" doesn't refer to any particular thing.
    - **Example** *-I want a book from the self.*
    - Here the book can be any book on the self.
- 

98. **Answer: d**

**Explanation:**

The correct answer is '**lasts**'.

★ Key Points

- The most appropriate option is '**lasts**'.
- '**is lasting**' is used when the sentence is in the present continuous tense.

- 'lasted' is used when the sentence is in the past tense.
- 'last' is used as a noun, a verb, or an adjective.

99. Answer: a

**Explanation:**

The correct answer is " **and** ."

★ Key Points

- The most appropriate option is ' **and** .'
- 'A **nd**' is used to connect two different words/phrases or ideas.
  - **Example** : *I like burgers **and** pizza.*

★ Additional Information

- ' **So** ' is used as a coordinating conjunction.
- ' **Also** ' is used when we have added a new point.
- ' **But** ' is used when we say the same information but in a different way.

100. Answer: c

**Explanation:**

The correct answer is " **reported** ."

★ Key Points

- The most appropriate option is ' **reported** .'
- **Repeated** means doing the same thing again and again.
- **Reduced** means making it less or small.
- ' **Resulted** ' means the outcome of something.
- Therefore, the correct sentence is *Dr. Frances Rauscher and his colleagues at the University of California **reported** the findings in the journal 'Nature'.*