

# 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



UPTET



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 (14-Dec-2021) (Shift 1)

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

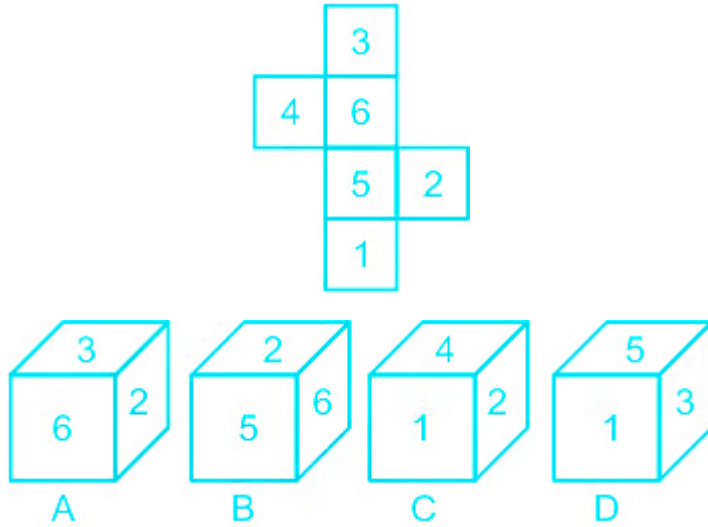
- 1.) A total of 90 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper 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. Five persons, A, B, C, D and E, are sitting at each corner of a pentagonal table, facing the centre. C is to the right of A and is second to the left of D. E is not between A and D. Who is sitting third to the left of E? (+1, -0.25)
- a. C
  - b. D
  - c. A
  - d. B
- 

2. Select the number from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)
- 28, 14, 14, 21, 42, 105, ?
- a. 305
  - b. 315
  - c. 210
  - d. 255
- 

3. Select the box(es) that can be formed by folding the given sheet along the lines. (+1, -0.25)



- a. Only A
- b. Only D
- c. A and C
- d. A and B

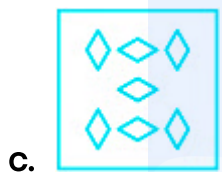
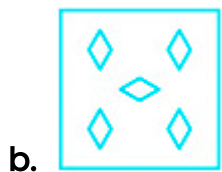
4. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)

FJNR, CGKO, IMQU, ?

- a. DHLU
- b. FJMR
- c. KOSX
- d. LPTX

5. 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 (+1, -0.25)

paper look when unfolded?



6. In a class, there are 48 boys who are over 157 cm tall. If these constitute four-fifths of the boys and the total number of boys is three-fourths of the total number of students in the class, what is the number of girls in the class? (+1, -0.25)
- a. 60
- b. 20
- c. 80

d. 45

---

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

D P \_ X \_ D \_ N \_ R \_ P \_ X R

- a. N R P X D N
  - b. R N P X D N
  - c. N X P X D N
  - d. N R P X N D
- 

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

AF : GL :: ? : SX

- a. HJ
  - b. MN
  - c. RM
  - d. MR
- 

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

78 : 87 :: 43 : ? :: 65 : 56

- a. 45
- b. 33
- c. 44
- d. 34

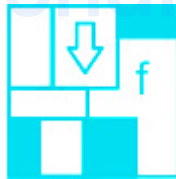
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10. Dheeraj is the only son of Santosh and Santosh is the only daughter of my mother. What is the relationship of my mother with Dheeraj? (+1, -0.25)

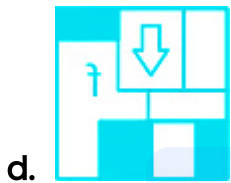
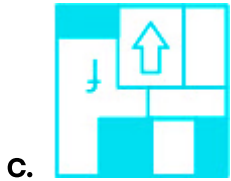
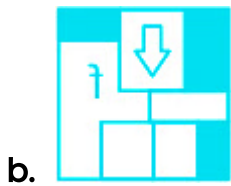
- a. Maternal grandmother
- b. Mother
- c. Aunt
- d. Sister

---

11. Select the correct mirror image of the given figure when the mirror is placed to its right side. (+1, -0.25)



- a.



---

12. 'Pen' is related to 'Ink' in the same way as 'Needle' is related to '\_\_\_\_\_'. (+1, -0.25)

- a. Thread
- b. Cloth
- c. Sew
- d. Design

---

13. In a certain code language, 'NORVEY' is written as 'MNQUDX'. How will 'SYDNEY' be written in that language? (+1, -0.25)

- a. RXMCDX
- b. CMRXXD
- c. RXCMDX



d. XXCMRD

---

14. In a certain code language, SINGER is coded as 42-30, and GOALEE is coded as 23-22. How will FLEXEN be coded in that language? (+1, -0.25)

- a. 23-43
  - b. 25-49
  - c. 25-44
  - d. 19-66
- 

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

9	10	13
8	12	14
43	54	?

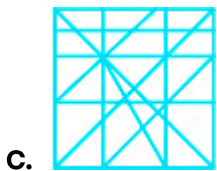
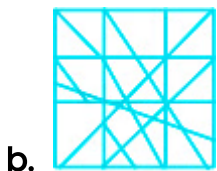
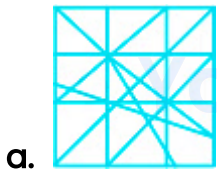
- a. 59
  - b. 65
  - c. 78
  - d. 67
- 

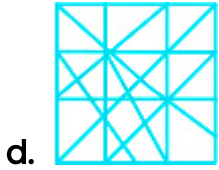
16. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. (+1, -0.25)

- 1. Court

- 2. Course
- 3. Courteous
- 4. Count
- 5. Courage
  
- a. 4, 2, 5, 1, 3
- b. 4, 5, 2, 1, 3
- c. 3, 5, 2, 1, 4
- d. 4, 5, 2, 3, 1

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





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18. 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:**

- I. Some dentists are surgeons.
- II. All the surgeons are doctors.

**Conclusions:**

- I. Some dentists are doctors.
  - II. No surgeons are dentists.
- a. Only conclusion II follows.
  - b. Only conclusion I follows.
  - c. Neither conclusion I nor II follows.
  - d. Both conclusions I and II follow.

---

19. 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. CXTP
- b. RMHC

c. TOJE

d. NIDY

---

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

30, 41, 57, 78, 104, 135, ?

a. 215

b. 171

c. 202

d. 240

---

21. In a certain code language, 'PROTECTION' is written as 'QQPSFBUHPM'. How will 'ABSOLUTELY' be written in that language? (+1, -0.25)

a. ABTNUMAMDX

b. BATMNUTDMX

c. ZCTNVQMGNT

d. BATNMTUDMX

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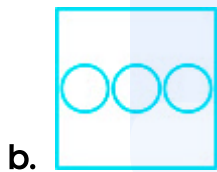
22. Sitting in a row, Wilson, Peter, Yagnik and Zohra are watching TV. Yagnik is sitting at the left side of Zohra, who is at the left side of Wilson. Who is at the left side of Yagnik if he is NOT sitting at any end of the row? (+1, -0.25)

a. Yagnik

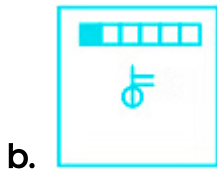
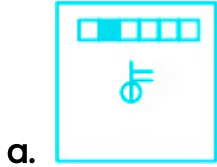
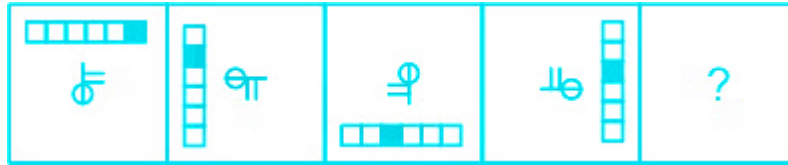
- b. Peter
- c. Wilson
- d. Zohra

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

Sea animals, Shrimp, Walrus



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



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25. If 'a' denotes '×', 'b' denotes '÷', 'c' denotes '-', and 'd' denotes '+', then what is the value of the following expression? (+1, -0.25)

$$55a5b5c5d3$$

- a. 53
- b. 51
- c. 54
- d. 52

## General Knowledge and General Awareness

26. Who among the following won the Booker Prize in the year 2020 in Fiction for his/her debut novel 'Shuggie Bain'? (+1, -0.25)

- a. Marieke Lucas Rijneveld
- b. Douglas Stuart
- c. S Hareesh
- d. Michelle Obama

27. Which of the following education commissions was appointed in 1882? (+1, -0.25)

- a. Sadler Commission
- b. The Calcutta University Commission
- c. Hunter Commission
- d. The University Commission

28. Which of the following is a tributary of the river Godavari? (+1, -0.25)

- a. Tungabhadra
- b. Penganga
- c. Musi
- d. Koyana

29. Adipose tissue is a type of \_\_\_\_\_ tissue in the human body. (+1, -0.25)

- a. muscular
  - b. epithelial
  - c. connective
  - d. nervous
- 

30. On which of the following days does India's Border Security Force celebrate its Raising Day? (+1, -0.25)

- a. 31 October
  - b. 13 September
  - c. 1 December
  - d. 5 May
- 

31. In which of the following states is the Pakke Tiger Reserve located? (+1, -0.25)

- a. Arunachal Pradesh
  - b. Assam
  - c. Mizoram
  - d. Andhra Pradesh
- 

32. The first-ever digital Union Budget of India was presented in the year (+1, -0.25)

- 
- a. 2020



- b. 2019
  - c. 2021
  - d. 2018
- 

33. Which election commissioner of India resigned to join as Vice President of the Phillipines-based Asian Development Bank in 2020? (+1, -0.25)

- a. Sushil Chandra
  - b. Ashok Lavasa
  - c. Om Prakash Rawat
  - d. Rajiv Kumar
- 

34. In which year was the National Urban Sanitation Policy launched? (+1, -0.25)

- a. 2014
  - b. 1999
  - c. 2015
  - d. 2008
- 

35. The last Mauryan king was assassinated by \_\_\_\_\_. (+1, -0.25)

- a. Pushyamitra Shunga
- b. Vishnuvardhana
- c. Kulashekhar Varman

d. Mahendravarman

---

36. Which Indian state among the following does NOT have a border with Nepal? (+1, -0.25)

- a. Uttar Pradesh
  - b. West Bengal
  - c. Uttarakhand
  - d. Assam
- 

37. In which of the following cities is India's first sandalwood museum being established? (+1, -0.25)

- a. Hyderabad
  - b. Mysuru
  - c. Patna
  - d. Bengaluru
- 

38. With which of the following sports was Vasoo Paranjpe associated? (+1, -0.25)

- a. Tennis
  - b. Hockey
  - c. Badminton
  - d. Cricket
-

39. Which of the following Articles of the Constitution of India defines that no child below the age of 14 years shall be employed to work in any factory or mine or engaged in any other hazardous employment? **(+1, -0.25)**
- a. Article 89
  - b. Article 76
  - c. Article 24
  - d. Article 34
- 

40. The \_\_\_\_\_ chaired the 13<sup>th</sup> BRICS Summit virtually in September 2021. **(+1, -0.25)**
- a. President of Brazil
  - b. President of South Africa
  - c. Prime Minister of India
  - d. President of Russia
- 

41. As per the Union Budget of 2020-21, how many archaeological sites are to be developed as iconic sites with on-site museums? **(+1, -0.25)**
- a. 5
  - b. 7
  - c. 8
  - d. 6
-

42. Which of the following cricketers has represented India at the World Youth Chess Championships as a teenager? (+1, -0.25)
- a. Mohammad Shami
  - b. Yuzvendra Chahal
  - c. Ajinkya Rahane
  - d. Bhuvneshwar Kumar
- 

43. Indira Gandhi officially recorded the impressive strides in agriculture, by releasing a special stamp in July 1968, entitled: (+1, -0.25)
- a. Brown Revolution
  - b. Wheat Revolution
  - c. Green Revolution
  - d. White Revolution
- 

44. In which of the following years was the Aligarh movement started by Syed Ahmed Khan? (+1, -0.25)
- a. 1890
  - b. 1789
  - c. 1909
  - d. 1875
-

45. Which edition of Indian Premier League (IPL) was organised in the year 2020? (+1, -0.25)
- a. 13
  - b. 14
  - c. 12
  - d. 11
- 

46. Khan Abdul Ghaffar Khan was the Pashtun leader from: (+1, -0.25)
- a. North-West Frontier Province
  - b. United Provinces
  - c. Central Provinces
  - d. Coorg
- 

47. Which of the following is an agricultural festival celebrated by tribals in Madhya Pradesh and some other states of India, in the month of September-October every year in honour of the God of youth and power? (+1, -0.25)
- a. Pooram Festival
  - b. Chandanakuda Mahotsavam
  - c. Attukal Pongala
  - d. Karama Festival
-

48. Which of the following is NOT a unicellular organism? (+1, -0.25)

- a. Plants
- b. Protozoans
- c. Yeast
- d. Bacteria

49. Which of the following states won the 'Most Film Friendly State Award' at the 67th National Film Awards, 2019? (+1, -0.25)

- a. Telangana
- b. Maharashtra
- c. Gujarat
- d. Sikkim

50. How many amendments were made to the Constitution of India till December 2020? (+1, -0.25)

- a. 104
- b. 107
- c. 106
- d. 105

## Elementary Mathematics

51. The incomes of A and B are in the ratio 3 : 7 and the ratio of their expenditures is 2 : 5. If each of them saves Rs. 5500 per month, then the income of B (in Rs.) is: (+1, -0.25)
- a. 82500
- b. 148500
- c. 49500
- d. 115500

52. A certain sum amounts to Rs. 8,330 in  $2\frac{1}{2}$  years and to Rs. 10,166 in  $5\frac{1}{2}$  years at a certain rate per cent per annum, both at simple interest. What will be the simple interest (in Rs.) on the same sum in 4 years at double the rate? (+1, -0.25)
- a. 4,896
- b. 4,860
- c. 4,268
- d. 3,264

53. Simplify the following expression. (+1, -0.25)

$$2 - \left[ 2\frac{1}{2} \times \left(-\frac{2}{3}\right) - 5 \left\{ \frac{1}{5} - \left(\frac{3}{5} - \frac{7}{10}\right) \right\} \right]$$

- a.  $5\frac{1}{6}$
- b.  $4\frac{1}{6}$

c.  $2\frac{1}{6}$

d.  $-1\frac{1}{6}$

---

54. A man wanted to sell an item at 25% profit, but he actually sold it at 25% loss for Rs. 870. At what price did he want to sell it to earn the profit of 25%? (+1, -0.25)

a. Rs. 1,450

b. Rs. 1,400

c. Rs. 1,460

d. Rs. 1,350

---

55. The value of  $\frac{72 + \frac{3}{8} \text{ of } 56 - 8}{95 - \frac{5}{2} \text{ of } (25 - 21)}$  is: (+1, -0.25)

a. 1

b. 10

c. 4

d. 5

---

56. Amit sells an item for Rs. 614.25 after offering a discount of 25% on its marked price. Had he not offered the discount, he would have earned a profit of 17%. The cost price (in Rs.) of the item is: (+1, -0.25)

a. 720

b. 700



c. 800

d. 750

---

57. A trader allows a discount of 20% on the marked price and still gains 4% on the whole. At what percentage above the cost price did he mark his goods? **(+1, -0.25)**

a. 60%

b. 30%

c. 40%

d. 35%

---

58. A motorboat goes 33 km upstream and 21 km downstream. The speed of the motorboat in still water is 25 km/h and the speed of the stream is 3 km/h. Find the total time taken by the boat. **(+1, -0.25)**

a. 2 h 15 min

b. 2 h 45 min

c. 2 h 10 min

d. 2 h 30 min

---

59. If the retail price of a table is Rs. 1,100 and if the gain percentages of a manufacturer, a wholesale dealer and a retailer are 5%, 10% and 12%, respectively, then find the cost of production of the table. (Round off to the integer value.) **(+1, -0.25)**

a. Rs. 725

- b. Rs. 825
  - c. Rs. 850
  - d. Rs. 790
- 

60. Deepthi loses Rs. 300 yearly on simple interest when the rate of interest falls from  $12\frac{1}{2}\%$  to  $10\frac{1}{2}\%$ . The amount invested by Deepthi is: (+1, -0.25)

- a. Rs. 16,000
  - b. Rs. 14,000
  - c. Rs. 15,000
  - d. Rs. 15,500
- 

61. Find the average of all the numbers between 13 and 43, which are divisible by 3. (+1, -0.25)

- a. 27.5
  - b. 25.5
  - c. 28.5
  - d. 26
- 

62. The least perfect square which is divisible by each of 28,32 and 56 is: (+1, -0.25)

- a. 2304
- b. 3136

c. 3364

d. 2916

---

63. A man wants to purchase wheat. Due to a reduction of  $6\frac{1}{4}\%$  in the price of wheat, he is able to buy  $\frac{1}{2}$  kg more for Rs. 150. Find the difference between the original and the reduced rates of wheat. **(+1, -0.25)**

a. Rs. 3/kg

b. Rs. 1.75/kg

c. Rs. 2.25/kg

d. Rs. 1.25/kg

---

64. The perimeter of a square field is double the circumference of a circular field. If the area of the square field is  $193600\text{ m}^2$ , then what will be the area of the circular field (in  $\text{m}^2$ ) (Use  $\pi = \frac{22}{7}$ )? **(+1, -0.25)**

a. 61600

b. 75000

c. 40400

d. 30800

---

65. A library has an average of 240 visitors on Sundays and 150 visitors on other days. The average number of visitors per day in a month of 30 days, which begins with Monday, is: **(+1, -0.25)**

a. 162

b. 146

c. 152

d. 126

---

66. If the successive discounts are 5%, 10% and 16%, then find the single equivalent discount. (+1, -0.25)

a. 29.32%

b. 29.50%

c. 28.18%

d. 30.28%

---

67. 3% of which number is the sum of 4% of 12 and 6% of 80? (+1, -0.25)

a. 176

b. 127

c. 314

d. 140

---

68. Find the LCM of 25, 96, 108 and 225. (+1, -0.25)

a. 19000

b. 21525

c. 21600

---

d. 15630

---

69. Madhur is thrice as good as Manisha, and together they complete a task in 15 days. In how many days will Madhur alone complete the task? (+1, -0.25)

a. 25

b. 30

c. 20

d. 45

---

70. A sum of Rs.  $x$  is divided between A, B and C in the ratio  $\frac{3}{4} : \frac{4}{5} : \frac{5}{8}$ . If the difference between the shares of A and C is Rs. 185, then what is the value of  $x$ ? (+1, -0.25)

a. 3,182

b. 3,293

c. 3,256

d. 3,219

---

71. A sum of Rs. 725 is lent in the beginning of a year at a certain percentage rate of interest per annum. After 8 months, a sum of Rs. 362.50 more is lent, but at double the previous rate. At the end of the year, Rs. 53.50 is earned as simple interest from both the loans. What was the original rate of interest per annum (correct to two decimal places)? (+1, -0.25)

a. 4.53%

b. 6.53%

---

- c. 5.2%
  - d. 5.53%
- 

72. Three years ago, the ratio of the age of A to that of B was 8 : 9. Five years hence, the ratio of the age of A to that of B will be 10 : 11. If at present, C is 8 years younger than A, then the ratio of the present age of B to that of C is: (+1, -0.25)
- a. 13 : 11
  - b. 13 : 9
  - c. 11 : 7
  - d. 12 : 7
- 

73. A and B worked together and received a salary of Rs. 20,800 for 13 days. A's efficiency in the work was 7 times that of B's. The daily wages of B were: (+1, -0.25)
- a. Rs. 250
  - b. Rs. 300
  - c. Rs. 200
  - d. Rs. 400
- 

74. A train travelling at a speed of 60 km/h crosses another train travelling in the same direction at a speed of 24 km/h in 30 sec. What is the sum of lengths of the two trains? (+1, -0.25)
- a. 230 km

- b. 300 m
- c. 230 m
- d. 300 km

---

75. The area of a rectangular field is equal to the area of a triangular plot whose sides are 64 m, 120 m and 136 m. If the ratio of the sides of the rectangular field is 5 : 3, its perimeter (in m) is: (+1, -0.25)

- a. 256
- b. 224
- c. 192
- d. 240



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## English

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

She succeeded in convincing her family that her chosen path was the one she just had to depend upon.

- a. ponder
- b. dread
- c. dwell
- d. tread

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

My friend sold / all the furnitures / he had before / leaving the city.

- a. My friend sold
- b. leaving the city
- c. he had before
- d. all the furnitures

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

A person who walks, especially in an area where vehicles go

- a. Pedestrian



- b. Footman
  - c. Pedestal
  - d. Pedagogue
- 

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

Reliable

- a. Affordable
  - b. Capable
  - c. Suitable
  - d. Dependable
- 

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

The head office is \_\_\_\_\_ overseas but has branches in many cities in India.

- a. set
  - b. location
  - c. located
  - d. setting
- 

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

The young girl's / long black hair / that reached her waist / were loosely plaited.

- a. that reached her waist
  - b. long black hair
  - c. were loosely plaited
  - d. The young girl's
- 

82. Select the INCORRECTLY spelt word.

(+1, -0.25)

- a. Player
  - b. Aristocret
  - c. Ideal
  - d. Filling
- 

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

A condition in which one is unable to sleep over a period of time

- a. Disorder
  - b. Insomnia
  - c. Complaint
  - d. Sickness
-

84. Select the most appropriate meaning of the given idiom.

(+1, -0.25)

Hit the sack

- a. Find a treasure
  - b. Fool someone
  - c. Work hard
  - d. Go to bed
- 

85. Select the option that is closest in meaning to the underlined idiom/phrase in the given sentence.

(+1, -0.25)

My mother said, "Think carefully about your life's goal and then don't give up till you achieve it."

- a. accept it
  - b. postpone it
  - c. examine it
  - d. stop doing it
- 

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

(+1, -0.25)

Candid

- a. Frank
- b. Blunt
- c. Biased

d. Sharp

---

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

The people of Himachal Pradesh are known for their rich cultural

-----.

- a. estate
  - b. fashion
  - c. portion
  - d. heritage
- 

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

Benign

- a. Gentle
  - b. Amiable
  - c. Compassionate
  - d. Malignant
- 

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

Lot of people want to go on the excursion.

- a. Lots of people

- b. The lots of people
  - c. The lot of people
  - d. No substitution required
- 

90. 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)

What is the average height of an American male?

- a. a average height for
  - b. an average height of
  - c. an average height in
  - d. No improvement required
- 

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

- a. Pauper
  - b. Mischief
  - c. Awesome
  - d. Buffett
- 

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

Ability to see what might happen in the future

- a. Hindsight
  - b. Provision
  - c. Foresight
  - d. Prospect
- 

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

We are all / familiar to a / use of fingerprints / in solving crimes.

- a. in solving crimes
  - b. We are all
  - c. familiar to a
  - d. use of fingerprints
- 

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

Cute

- a. Ignorant
  - b. Charming
  - c. Skilled
  - d. Familiar
- 

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

The UK government has decided to \_\_\_\_\_ a further one-year extension for foreign doctors and nurses whose visas are set to expire before 31 March 2021, as they battle the Covid -19 pandemic.

- a. strengthen
- b. recover
- c. improve
- d. sanction

96. 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)

A poor Arab was travelling in the desert, thirsty and tired. He soon came (1) \_\_\_\_\_ an oasis and drank water from (2) \_\_\_\_\_. Filling his leather bottle with the water, he (3) \_\_\_\_\_ his journey to Baghdad. After (4) \_\_\_\_\_ an audience with the Caliph there, he (5) \_\_\_\_\_ him with the bottle of water. It was the only gift he had.

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

- a. over
- b. into
- c. with
- d. upon

97. 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)

A poor Arab was travelling in the desert, thirsty and tired. He soon came (1) \_\_\_\_\_ an oasis and drank water from (2) \_\_\_\_\_. Filling his leather bottle with the water, he (3) \_\_\_\_\_ his journey to Baghdad. After (4) \_\_\_\_\_ an audience with the Caliph there, he (5) \_\_\_\_\_ him with the bottle of water. It was the only gift he had.

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

- a. them
- b. it
- c. him
- d. her

---

98. 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)

A poor Arab was travelling in the desert, thirsty and tired. He soon came (1) \_\_\_\_\_ an oasis and drank water from (2) \_\_\_\_\_. Filling his leather bottle with the water, he (3) \_\_\_\_\_ his journey to Baghdad. After (4) \_\_\_\_\_ an audience with the Caliph there, he (5) \_\_\_\_\_ him with the bottle of water. It was the only gift he had.

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

- a. progressed
- b. promoted
- c. continued
- d. maintained



99. 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)

A poor Arab was travelling in the desert, thirsty and tired. He soon came (1) \_\_\_\_\_ an oasis and drank water from (2) \_\_\_\_\_. Filling his leather bottle with the water, he (3) \_\_\_\_\_ his journey to Baghdad. After (4) \_\_\_\_\_ an audience with the Caliph there, he (5) \_\_\_\_\_ him with the bottle of water. It was the only gift he had.

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

- a. removing
- b. requiring
- c. storing
- d. securing

100. 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)

A poor Arab was travelling in the desert, thirsty and tired. He soon came (1) \_\_\_\_\_ an oasis and drank water from (2) \_\_\_\_\_. Filling his leather bottle with the water, he (3) \_\_\_\_\_ his journey to Baghdad. After (4) \_\_\_\_\_ an audience with the Caliph there, he (5) \_\_\_\_\_ him with the bottle of water. It was the only gift he had.

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

- a. donated
- b. presented

c. granted

d. offered

**prepp**

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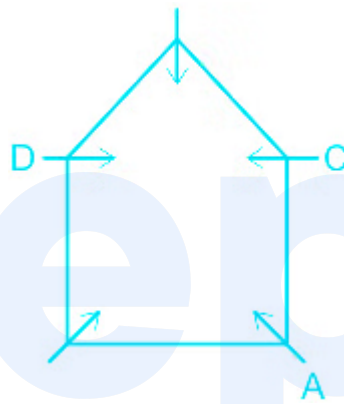
## Answers

1. Answer: d

### Explanation:

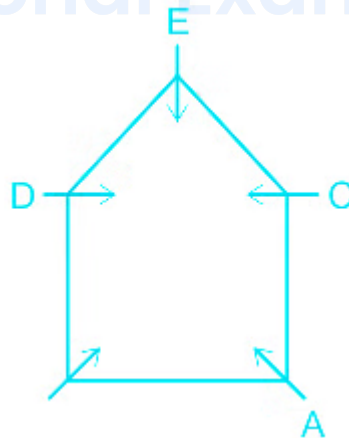
Five persons, A, B, C, D and E, are sitting at each corner of a pentagonal table, facing the centre.

1. C is to the right of A and is second to the left of D.

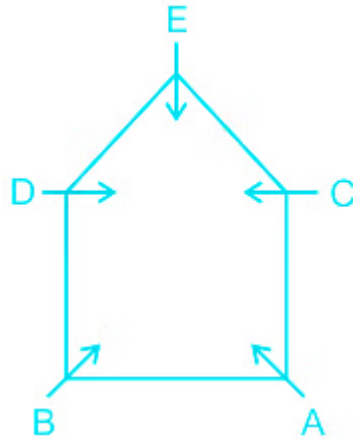


2. E is not between A and D.

Clearly, E is sitting between D and C as it is the only position left for E.



Now, the vacant position will be occupied by B, the only person left.



Clearly, B is sitting third to the left of E.

Hence, ' B ' is the correct answer.

**2. Answer: b**

**Explanation:**

The logic followed here is:

$$28 \times 0.5 = 14$$

$$14 \times 1 = 14$$

$$14 \times 1.5 = 21$$

$$21 \times 2 = 42$$

$$42 \times 2.5 = 105$$

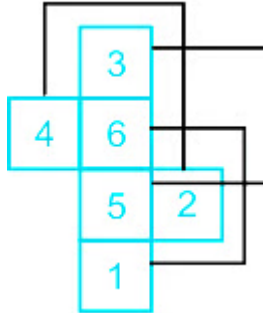
$$105 \times 3 = 315$$

Hence, ' 315 ' is the correct answer.

**3. Answer: a**

**Explanation:**

Faces opposite to each other is shown below:

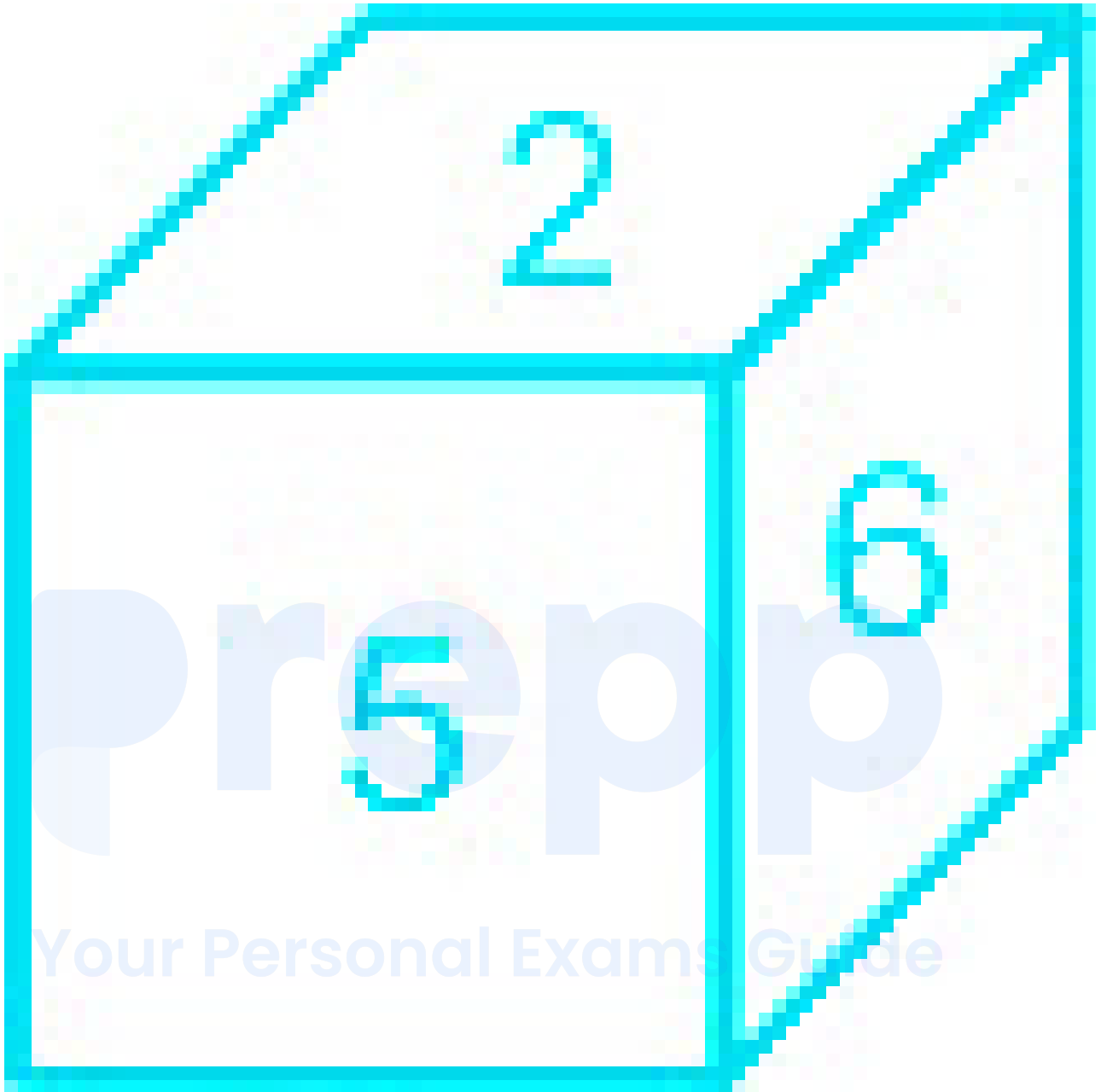


prepp

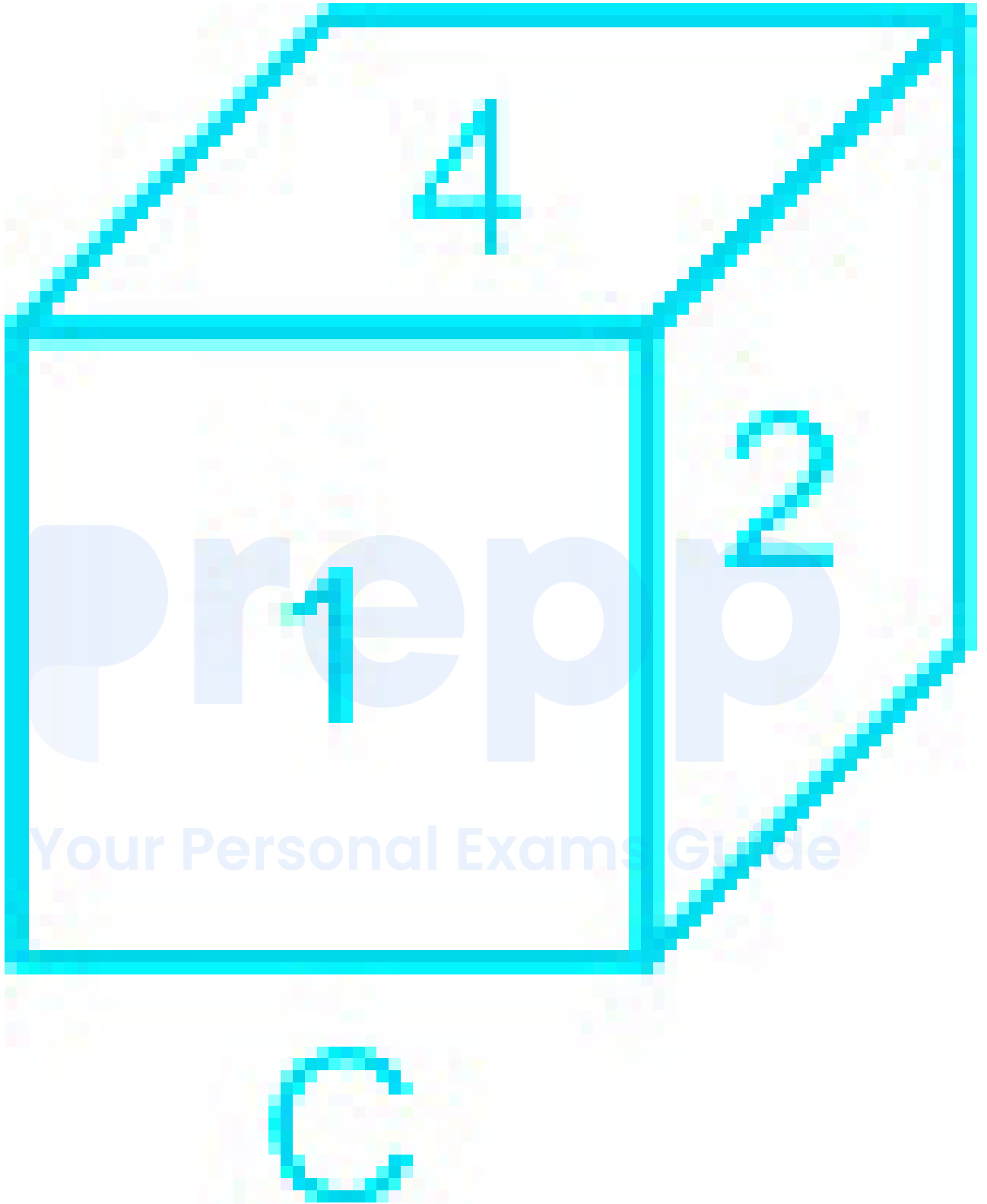
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- → It can be formed.

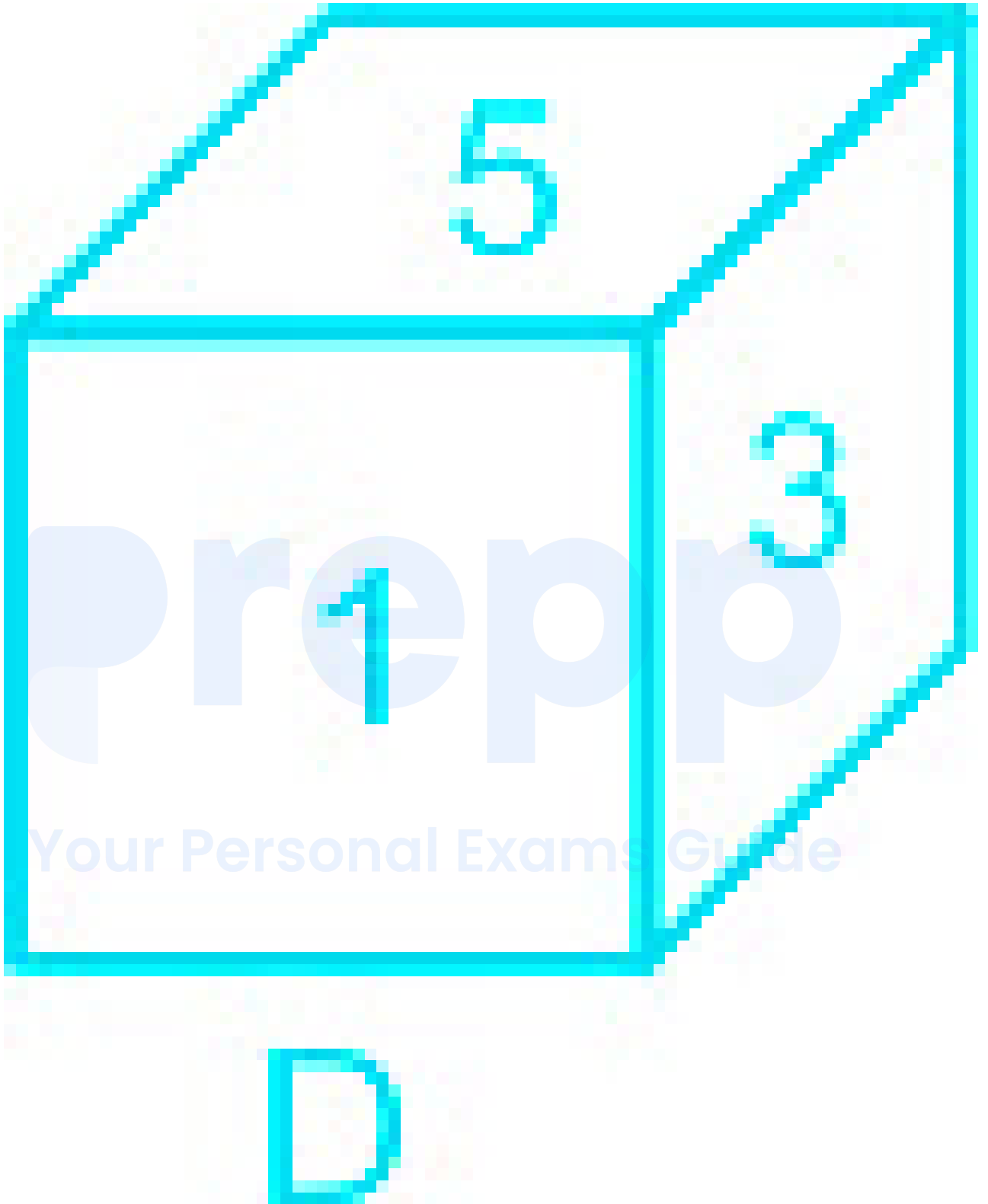


- → It cannot be formed as 2 is to the right side of 5, so it cannot be at the top of 5.



- → It cannot be formed as 4 and 2 are faces opposite to each other.





- → It cannot be formed as 5 and 3 are faces opposite to each other.

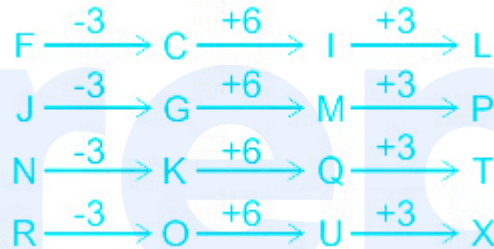
Hence, 'Only A' is the correct answer.

4. Answer: d

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:

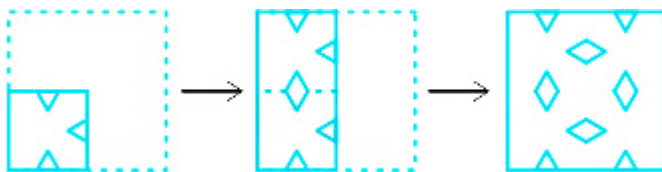


Hence, 'LPTX' is the correct answer.

5. Answer: d

Explanation:

The paper when unfolded will appear as shown below:



Hence, 'option 4' is the correct answer.

**6. Answer: b**

**Explanation:**

Let the number of boys be  $x$ .

According to problem:

$$\left(\frac{4}{5}\right)x = 48$$

$$\Rightarrow 4x = 48 \times 5$$

$$\Rightarrow 4x = 240$$

$$\Rightarrow x = 240 \div 4$$

$$\Rightarrow x = 60$$

Let the number of students in the class be  $y$ .

According to problem:

$$\left(\frac{3}{4}\right)y = 60$$

$$\Rightarrow 3y = 60 \times 4$$

$$\Rightarrow 3y = 240$$

$$\Rightarrow y = 240 \div 3$$

$$\Rightarrow y = 80$$

$$\begin{aligned} \text{Total number of girls in the class} &= \text{Total number of students} - \text{Total number of boys} \\ &= 80 - 60 = 20 \end{aligned}$$

Hence, '20' is the correct answer.

---

**7. Answer: a**

**Explanation:**

Given sequence: D P \_ X \_ D \_ N \_ R \_ P \_ X R

1. N R P X D N → D P N X R - D P N X R - D P N X R
2. R N P X D N → D P R X N - D P N X R - D P N X R
3. N X P X D N → D P N X X - D P N X R - D P N X R
4. N R P X N D → D P N X R - D P N X R - N P D X R

Hence, 'N R P X D N' is the correct answer.

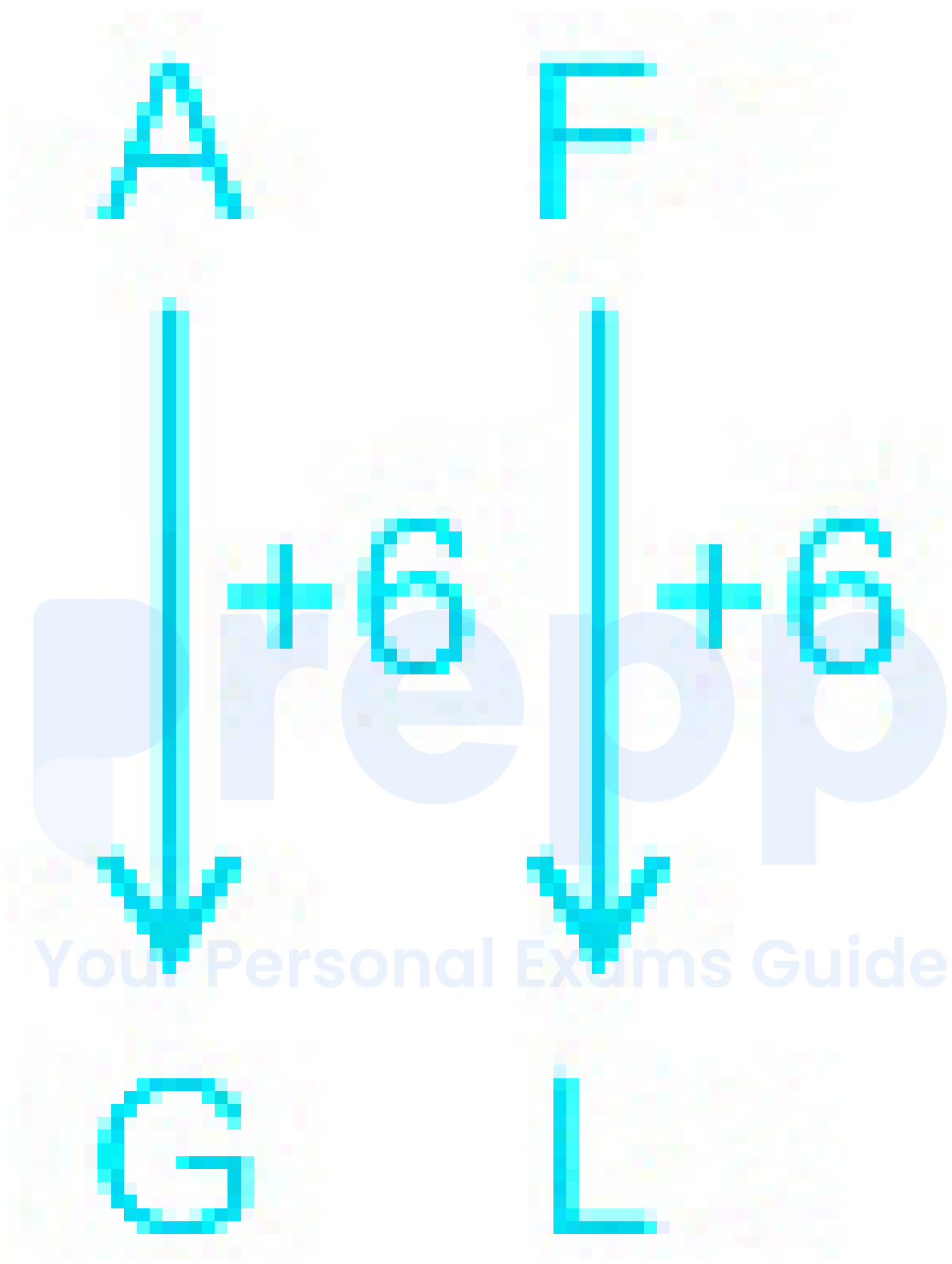
**8. Answer: d**

**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:

•



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Similarly,



Hence, 'MR' is the correct answer.

9. Answer: d

### Explanation:

The logic followed here is:

Logic: When we interchange the positions of 1st number, we get second number.

- $78 : 87 \rightarrow$  When we interchange the positions of the digits in the number 78, we get 87.
- $65 : 56 \rightarrow$  When we interchange the positions of the digits in the number 65, we get 56.

Similarly,

- $43 : ? \rightarrow$  When we interchange the positions of the digits in the number 43, we get 34.

Hence, '34' is the correct answer.

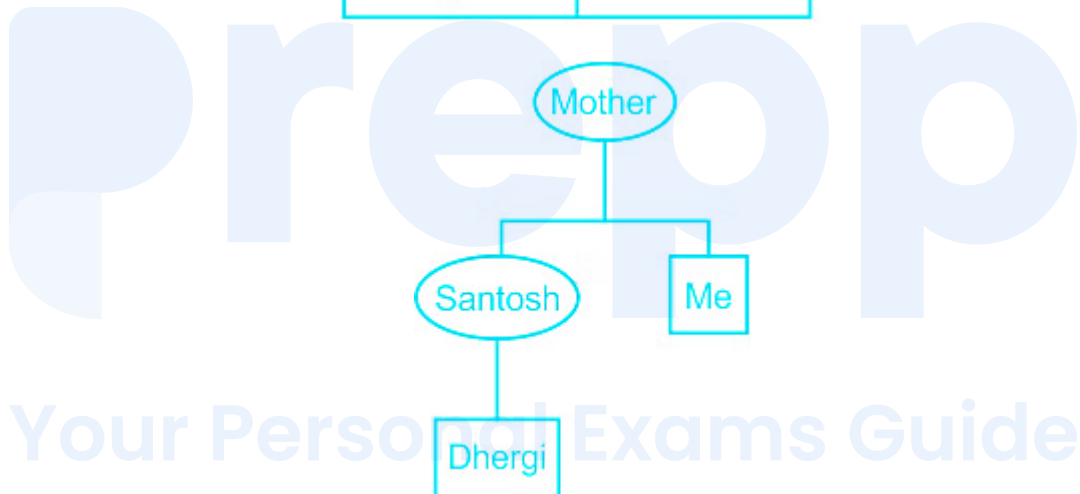
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### 10. Answer: a

### Explanation:

By using the symbols in the table given below, we can draw the following family tree:

Symbol in Diagram	Meaning
○	Female
□	Male
==	Married Couple
—	Siblings
	Difference of a Generation



Clearly, my mother is the maternal grandmother of Dheeraj.

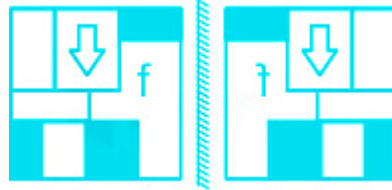
Hence, 'Maternal grandmother' is the correct answer.

11. Answer: d

Explanation:

The correct mirror image of the given figure when the mirror is placed to its right side is shown below:





Hence, 'option 4' is the correct answer.

12. Answer: a

Explanation:

The logic followed here is:

- 'Pen' is related to 'Ink' → Ink is required to use a pen. We can also say that pen and ink are complementary goods.

Similarly,

- 'Needle' is related to '\_\_\_\_\_ ' → Needle is required to use a thread. Needle and thread are complementary goods.

Hence, 'Thread' is the correct answer.

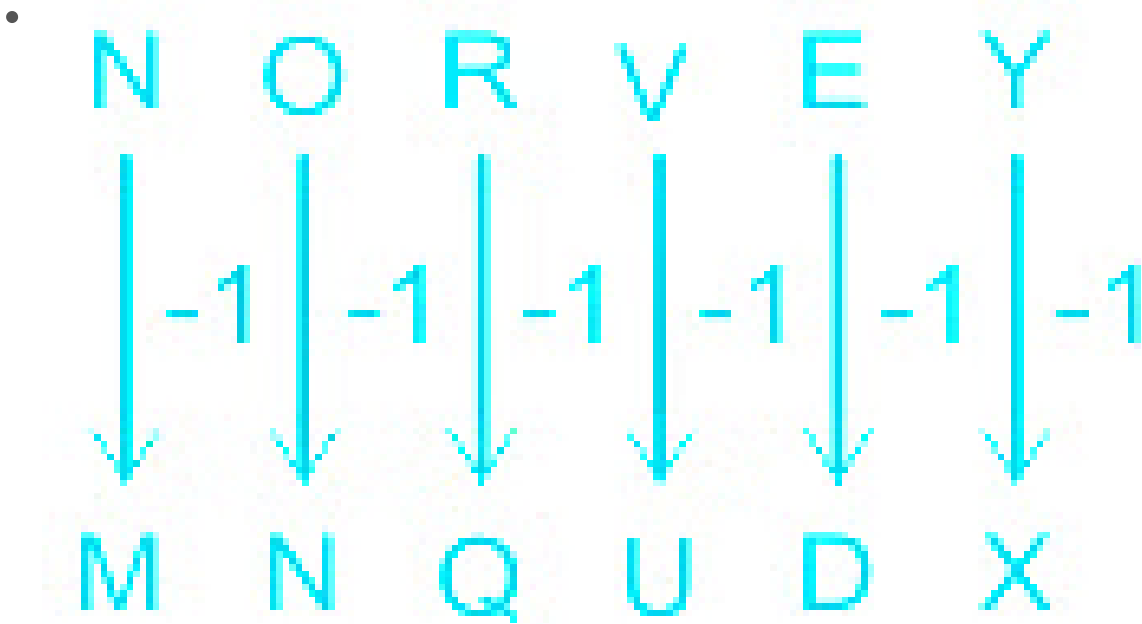
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13. Answer: c

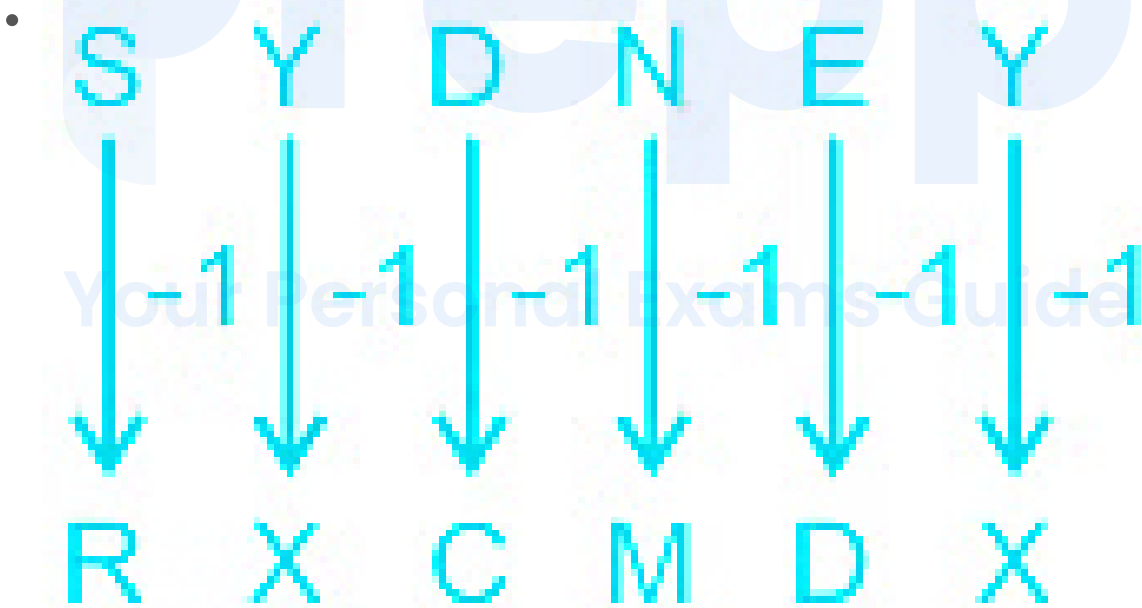
Explanation:

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:



Similarly,



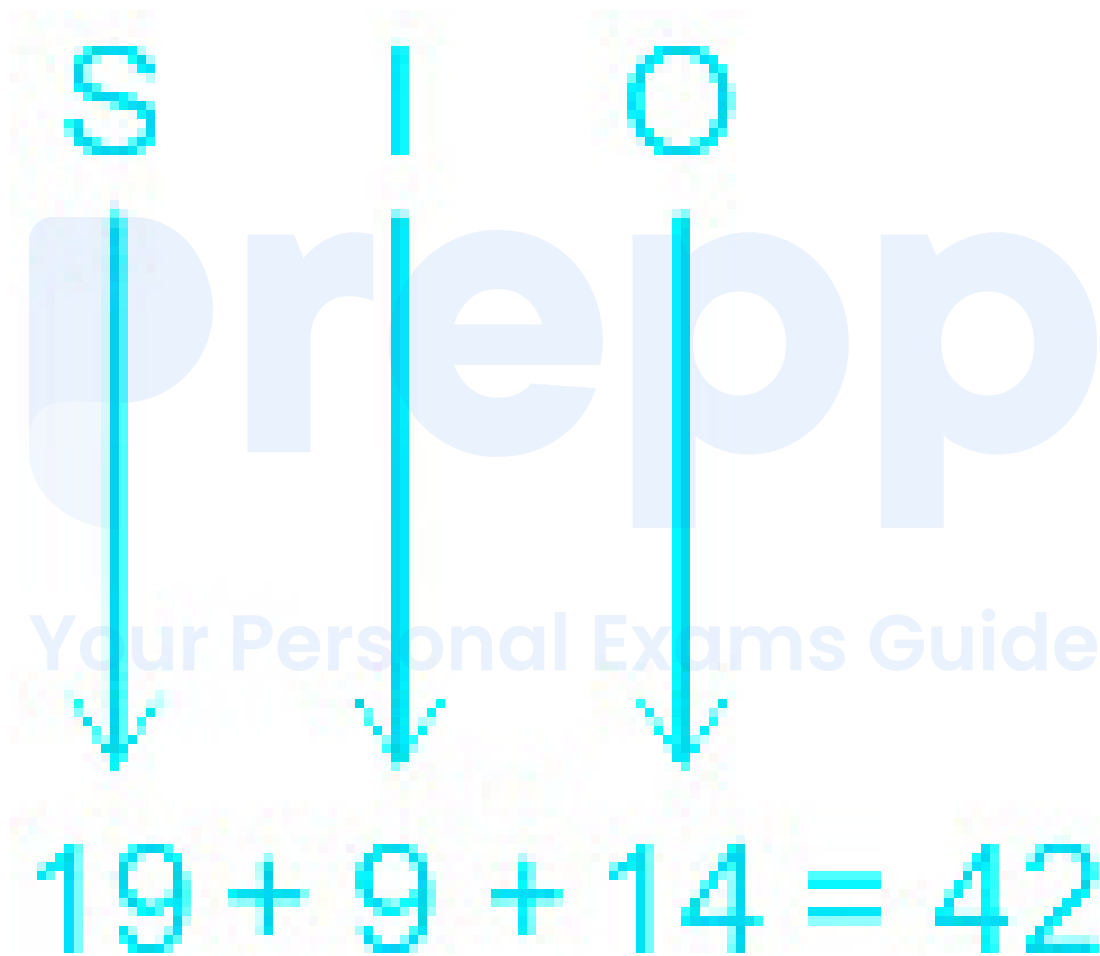
Hence, 'RXCMDX' is the correct answer.

14. Answer: a

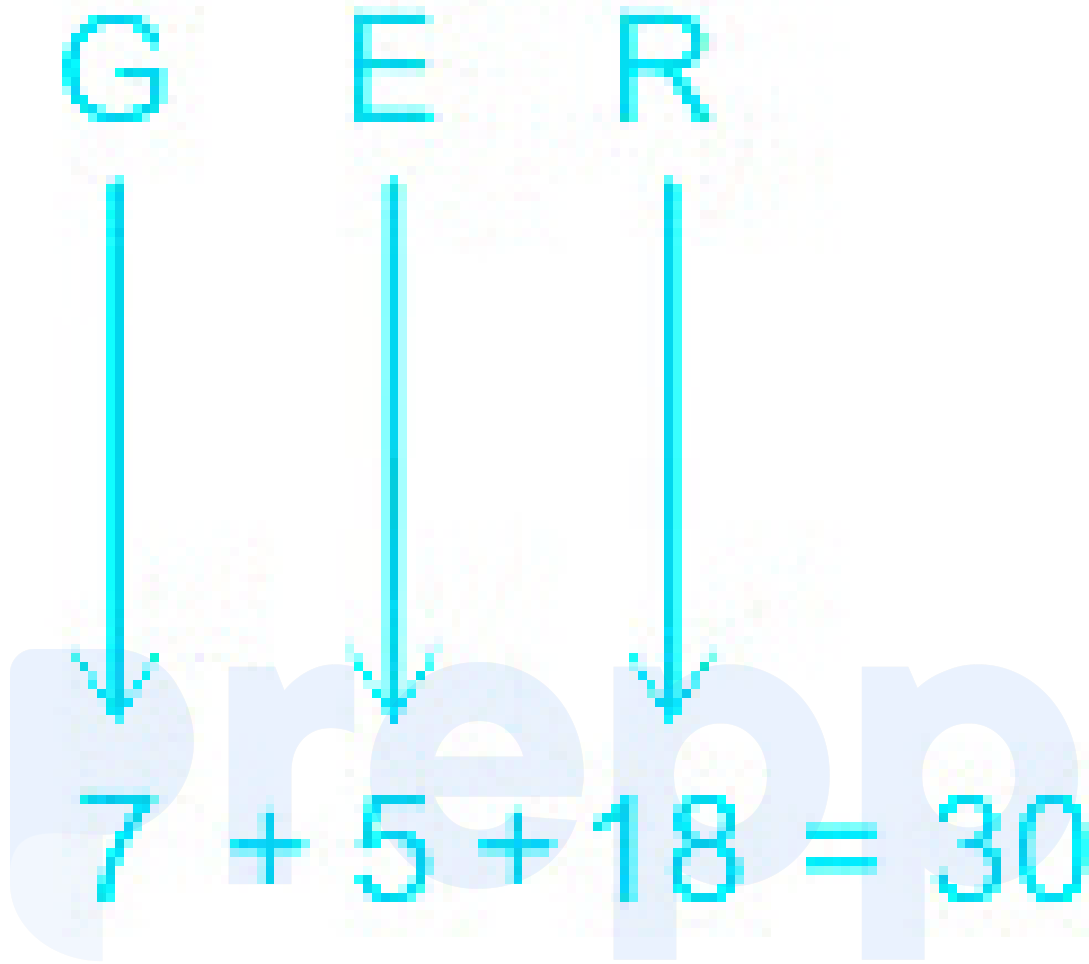
Explanation:

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

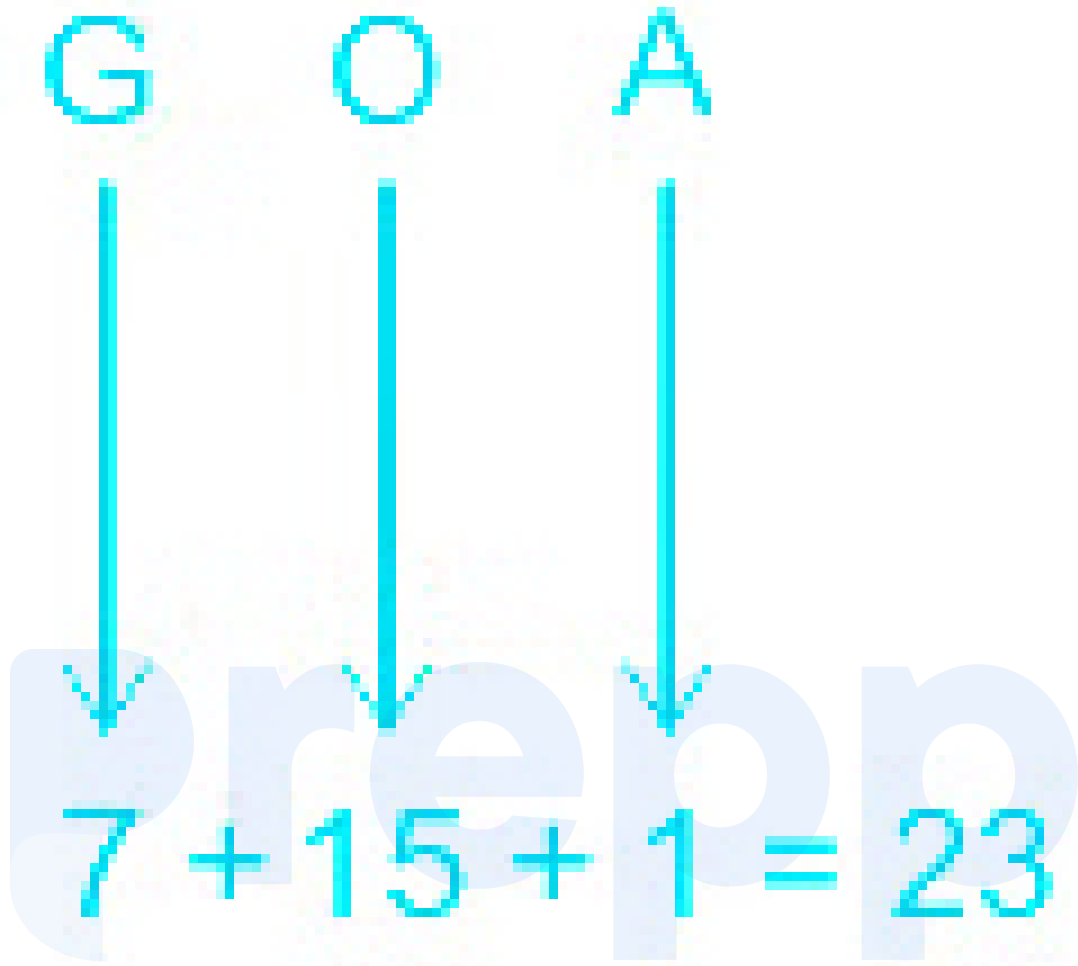
The logic followed here is:



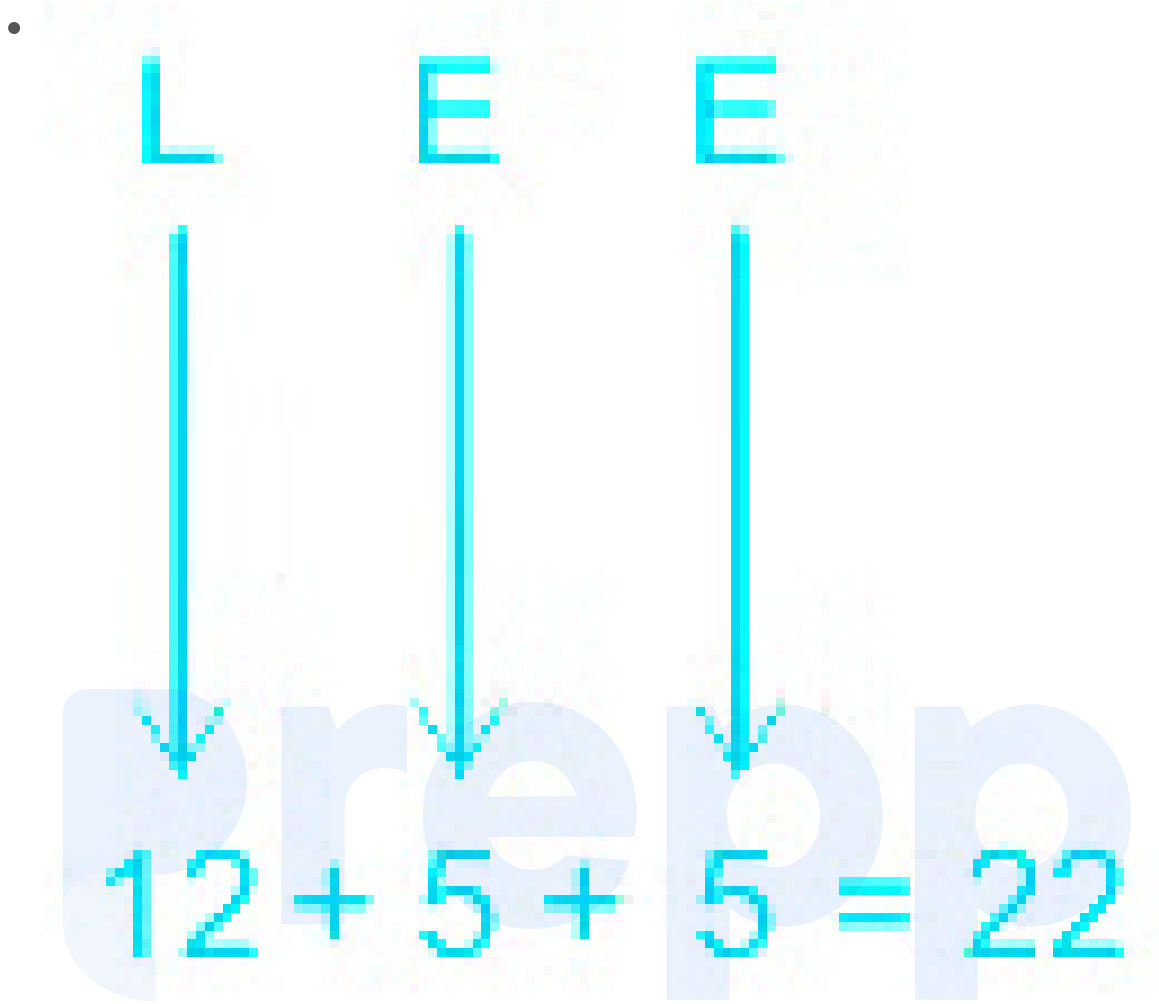
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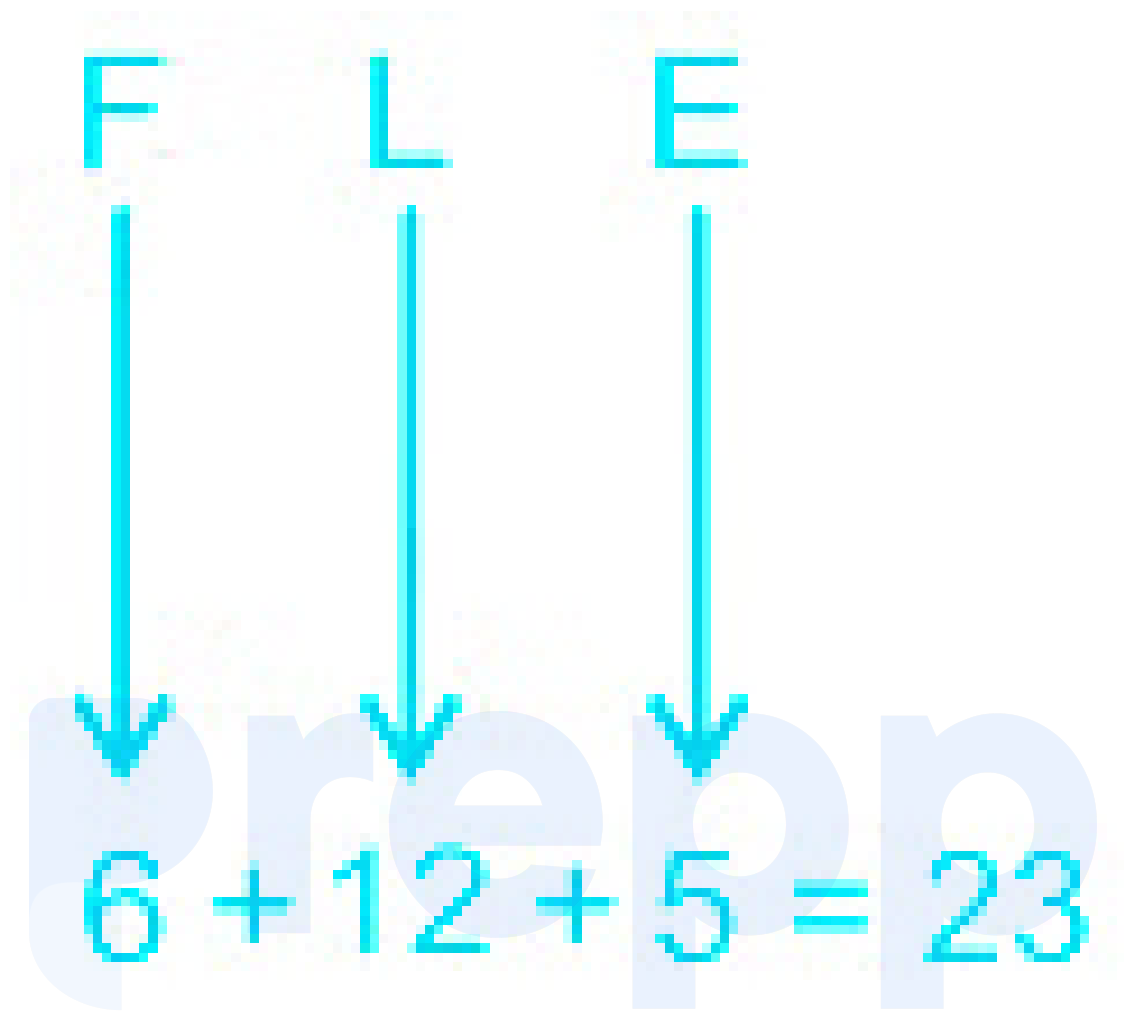


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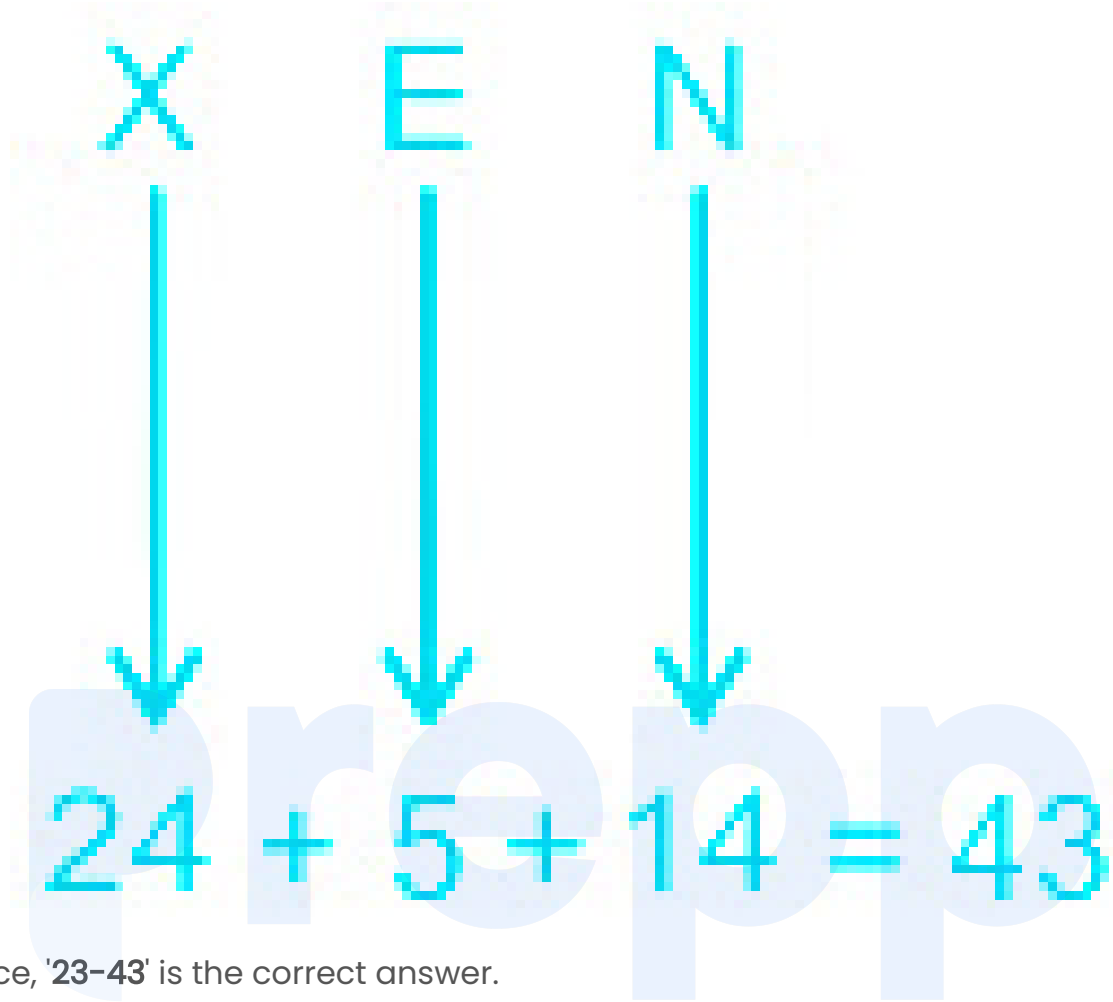


Similarly,

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15. Answer: d Your Personal Exams Guide

**Explanation:**

The logic followed here is:

Column wise: (1st number × 3) + (2nd number × 2) = 3rd number

Column 1:

9
8
43



$$(9 \times 3) + (8 \times 2) = 27 + 16 = 43.$$

Column 2:

10
12
54

$$(10 \times 3) + (12 \times 2) = 30 + 24 = 54.$$

Column 3:

13
14
?

$$(13 \times 3) + (14 \times 2) = 39 + 28 = 67.$$

So, 67 will replace the question mark.

Hence, the correct answer is "67".

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16. Answer: b

Explanation:

The correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary is:

- 4. Coun t
- 5. Coura ge
- 2. Cours e

1. Court



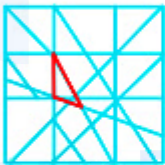

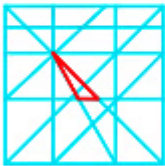

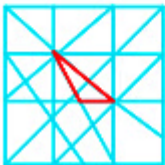

3. Courte ous

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

17. Answer: a

Explanation:

The image embedded in given figure is as shown below:

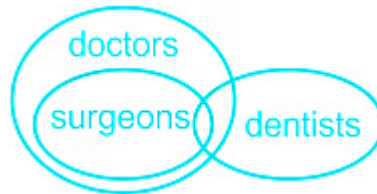
No.	Option	Question	Answer
1.			Embedded
2.			Not Embedded
3.			Not Embedded
4.			Not Embedded

Hence, ' option 1 ' is the correct answer.

18. Answer: b

Explanation:

The least possible Venn diagram is:



Conclusions:

I. Some dentists are doctors. → **Follows** (As, Some dentists are surgeons and All the surgeons are doctors)

II. No surgeons are dentists. → Do not follow (As, Some dentists are surgeons)

Hence, 'Only conclusion I follows' is the correct answer.

19. 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:

1. CXTP → C - 5 = X; X - 4 = T; T - 4 = P
2. RMHC → R - 5 = M; M - 5 = H; H - 5 = C
3. TOJE → T - 5 = O; O - 5 = J; J - 5 = E

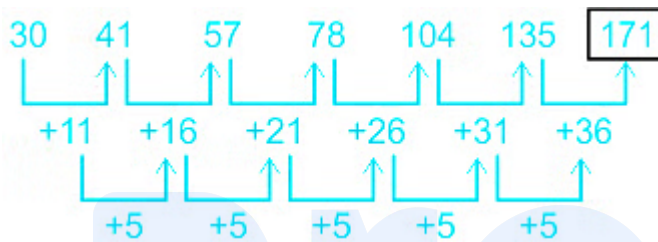
4. NIDY  $\rightarrow$  N - 5 = I; I - 5 = D; D - 5 = Y

Hence, 'CXTP' is the correct answer.

20. Answer: b

Explanation:

The logic followed here is:



Hence, '171' is the correct answer.

21. Answer: d

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:

- |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| P  | R  | O  | T  | E  | C  | T  | I  | O  | N  |
| ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  |
| +1 | -1 | +1 | -1 | +1 | -1 | +1 | -1 | +1 | -1 |
| ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  |
| Q  | Q  | P  | S  | F  | B  | U  | H  | P  | M  |

Similarly,

- |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| A  | B  | S  | O  | L  | U  | T  | E  | L  | Y  |
| ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  |
| +1 | -1 | +1 | -1 | +1 | -1 | +1 | -1 | +1 | -1 |
| ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  | ↓  |
| B  | A  | T  | N  | M  | T  | U  | D  | M  | X  |

Hence, 'BATNMTUDMX' is the correct answer.

22. Answer: b

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**Explanation:**

Sitting in a row, **Wilson, Peter, Yagnik and Zohra** are watching TV.

1. Yagnik is sitting at the left side of Zohra, who is at the left side of Wilson.
2. If Yagnik is NOT sitting at any end of the row.



Clearly, Peter is at the left side of Yagnik if he is NOT sitting at any end of the row.

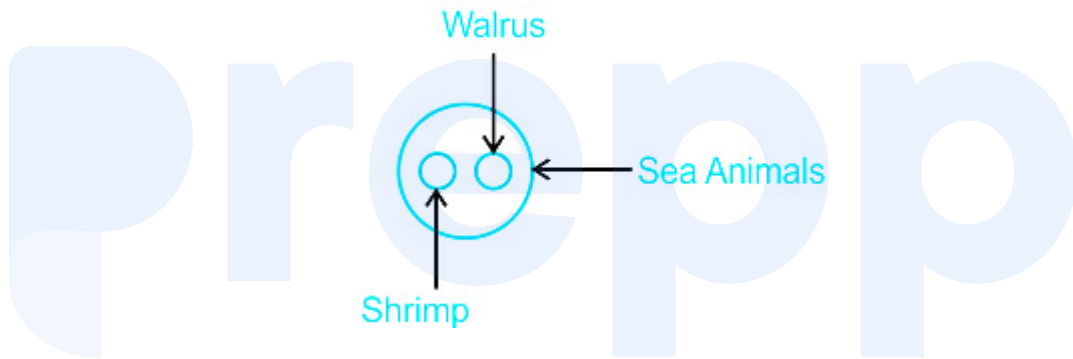


Hence, 'Peter' is the correct answer.

23. Answer: a

Explanation:

The Venn diagram that best represents the relationship between Sea animals, Shrimp, and Walrus is shown below:



Both Shrimp and Walrus are name of sea animals.

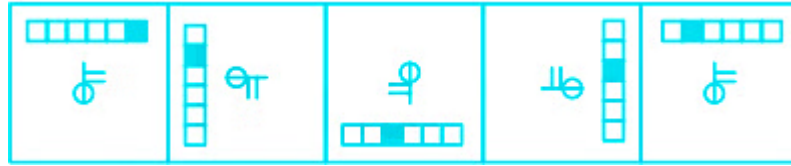
Hence, 'option 1' is the correct answer.

24. Answer: a

Explanation:

The rectangle is moving in anti-clockwise direction and as we move along the series, we see the black colored portion of the rectangles shifts one position in each step.

The figure at the centre of the image is rotating in clockwise direction.



Hence, 'option 1' is the correct answer.

25. Answer: a

Explanation:

Letters	a	b	c	d
Meaning	×	÷	-	+

Given expression:  $55a5b5c5d3$

After replacing the letters by their meaning, we get:

$$55 \times \underline{5} \div \underline{5} - 5 + 3$$

$$= \underline{55 \times 1} - 5 + 3$$

$$= \underline{55} - \underline{5} + \underline{3}$$

$$= 58 - 5$$

$$= 53$$

Hence, '53' is the correct answer.

26. Answer: b

Explanation:

The correct answer is Douglas Stuart.

★ Key Points

- Douglas Stuart has won the Booker Prize for his novel ' Shuggie Bain ' .
- 'Shuggie Bain' is Douglas' debut novel that has been published in 2020.
- It is an autobiographical novel that tells the story of his mother and him and is set in Glasgow of 1980s .
- The Novel is about a boy supporting her mother suffering for alcoholism, marriage breakdown and poverty.
- The novel was rejected by 32 publishers before being published by UK based Picador Publishers.

★ Additional Information

About the Booker Prize :

- It is literary award given for the novels written in English and Published in either England or Ireland .
- The prize was constituted in the year 1969 by Booker McConnell Limited Company .
- The awardee is presented with a reward of 50,000 Euros .
- The first winner of this prize was PH Newby who won it for his novel 'Something to Answer for'.
- Since 2019, The award is being presented by ' Crankstart ' .

Indian winners of Booker Prize :

- VS Naipaul: On a Free State.
- Salman Rushdie: Midnight' s Children
- Arundhati Roy: The god of small things
- Kiran Desai: The inheritance of Loss
- Aravind Adiga: The White Tiger

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27. Answer: c



## Explanation:

The correct answer is Hunter Commission.

### ★ Key Points

- The Hunter Commission of 1882 was presided over by Sir William Hunter.
- This Commission was appointed for the enquiry of education in India which was earlier given by Wood's Despatch in 1854.
- Recommendations of the Hunter Commission :
  - Preference was given to literate candidates for government jobs in the lower levels, along with the expansion of primary schools in backward districts.
  - District and municipal boards were entrusted with the management of primary education under the Local Self Government Act. The funds were separated for rural and urban areas to avoid funds earmarked for rural schools being misappropriated by urban schools.
  - Secondary schools were to be established by private parties with funds provided by the government. Model schools fully run by the government were to be opened in each district to guide such private schools.
  - The secondary school curriculum was also revised with academic and vocational courses diversified into different branches.
  - Missionary schools were discouraged, and Indian participation in the private school system was solicited by the raj. Special care was supposed to be taken in advancing the education of girls and women.

### ★ Additional Information

- Sadler Commission-1917
  - As observed by the Sadler Commission in 1917, The next important evolution was the realization of the need for the advancement of secondary education for the enhancement of University education.
  - This agitate also stemmed from the need for ramifying college courses.
  - Sadler Commission suggested bifurcating higher education at the intermediate examination instead of the matriculation examination.

- Suggested the formation of Intermediate colleges which would provide instruction in Arts, Medicine, Science, Teaching, Engineering, etc
- **The Calcutta University Commission**
  - In 1917, the Calcutta University Commission was appointed by the Government of India under the Chairmanship of Mr. Michel Sadler, the Vice-Chancellor of the University of Leeds.
  - So it was popularly known as the Sadler Commission. This Commission was appointed for the purpose of making recommendations to reform Calcutta University.
  - Although it dealt with Calcutta University only, the problems it studied were more or less common to other Indian Universities.
  - Hence, the report of the Commission is a document of provincial importance and it had far-reaching consequences on the development of universities in India as a whole.
- **The University Commission**
  - **Lord Curzon** evinced a keen interest in the development of education in British India.
  - Soon after his arrival as Viceroy, he convened one educational conference at Shimla in 1901, to discuss the problems ranging from Primary to University education.
  - A University Commission was appointed on January 27, 1902.

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28. Answer: b

### Explanation:

The correct answer is Penganga.

### ★ Key Points

- **Penganga** is a tributary of the river Godavari.
- The Penganga River is a tributary of the **Wardha River**, which is a tributary of the **Pranhita River**, which flows into the **Godavari**.
- The Godavari is the biggest east-flowing river in India.
- The Godavari river rises from Trimbakeshwar, Nashik Maharashtra.

- The Godavari river is an outfall in the Bay of Bengal.
- The total length of the Godavari is 1465 km.
- The Godavari is the main river of Telangana state.

★ Additional Information

- Major left-bank tributaries:
  - Purna, Pranhita, Indravati, and Sabari river .
- Major right bank tributaries:
  - Pravara, Manjira, and Manair river.
- The Pranhita river is the largest tributary of Godavari.
- Important dams were built across the Godavari river: **Jayakwadi dam, Gangapur Dam, Babli project, and Sriram Sagar Dam.**
- The Coringa mangrove forest is situated in the Godavari delta.

---

29. Answer: c

**Explanation:**

The correct answer is connective.

★ Key Points

- **Adipose tissue** is a type of loose **connective tissue** located mainly beneath the skin.
- The cells of this tissue are specialized to **store fats**.
- Connective tissues are most abundant and widely distributed in the body of complex animals.
- They are named connective tissues because of their special function of linking and supporting other tissues/organs of the body.
- They range from soft connective tissues to specialized types, which include cartilage, bone, adipose, and blood.
- In all connective tissues except blood, the cells secrete fibres of structural proteins called collagen or elastin.

★ Additional Information

- Epithelial tissue :
  - The epithelial tissues are formed by cells that cover the organ surface such as the surface of the skin, the airways, the reproductive tract, and the inner lining of the digestive tract.
- Muscular tissues :
  - Muscular tissue is a soft tissue that composes muscles.
  - Skeletal muscle (voluntary muscles), cardiac muscle (involuntary muscles) are examples of it.
- Nervous tissue :
  - The main components of the nervous system are the brain, spinal cord, and nerves which regulate and control body functions.
  - It is made up of neurons that have important functions in the nervous system.

30. Answer: c

Explanation:

The correct answer is 1 December.

★ Key Points

- The Border Security Force celebrated its Raising Day on **1 December** .
- The BSF is now one of the **largest border guarding armies in the world**.
- BSF Jammu is stationed on the Line of Control with the Indian Army and along 192 kilometres of the international border with Pakistan.
- The Border Security Force (BSF), India's central armed police force, was established on **December 1, 1965**.

★ Additional Information

- BSF is the only CAPF (Central Armed Police Forces) to have a Full-fledged Water Wing, Air Wing, and even an Artillery Regiment of its own.
  - It comes under the Ministry of Home Affairs.
  - It is one of the five Central Armed Police Forces of India.
  - BSF has been termed as the First Line of Defence of Indian Territories.

- It is headquartered in New Delhi.
  - Pankaj Kumar Singh is the current Director General of BSF.
- 

**31. Answer: a**

**Explanation:**

The correct answer is Arunachal Pradesh.

★ Key Points

- Pakke Tiger Reserve (PTR) is located in Arunachal Pradesh.
- It has become the first in the Northeast to provide insurance cover against COVID-19 for its 'Green Soldiers'.
- 57 frontline staff of the Park have been insured for nine months against health issues due to infection by the Novel Coronavirus.
- The 'Wildlife Trust of India' (WTI), an NGO, paid the insurance amount with support from 'Foundation Serge'.
- The insurance coverage is Rs 1 lakh each, but a few who would be retiring soon have been insured for Rs 50,000.
- India's frontline Forest staff work in the most challenging conditions with insufficient life or health cover; and for a remote location like Pakke, any illness or hospitalization can prove ruinous.

★ Additional Information

- **Nagarjunasagar – Srisailem Tiger Reserve** is the largest tiger reserve in India.
  - It is present in Andhra Pradesh.
  - A Tiger Reserve consists of a 'Core' or 'Critical Tiger Habitat'.
  - It is to be managed as an inviolate area, and a 'Buffer' or Peripheral area immediately abutting a Core area, which may be accorded a lesser degree of habitat protection. This is the typical zonation of a Tiger Reserve.
  - Bor Tiger Reserve (Maharashtra) is the smallest Tiger Reserve in India.
-

## 32. Answer: c

### Explanation:

The correct answer is 2021.

#### ★ Key Points

- This Is the first-ever digital Union Budget , presented by Union Minister of Finance and Corporate Affairs Smt. Nirmala Sitharaman.
- Union Budget 2021-22 is based on 6 pillars.
  - Health and Wellbeing
  - Physical & Financial Capital, and Infrastructure
  - Inclusive Development for Aspirational India
  - Reinvigorating Human Capital
  - Innovation and R&D
  - Minimum Government and Maximum Governance

#### ★ Additional Information

- Here are some interesting facts about the Union Budget:
  - The term Budget has been derived from the French word ' **Bougette** ' which translates to 'small bag'.
  - The first Union Budget of India was introduced on April 7, 1860, by the East India Company to the British Crown.
  - It was presented by **James Wilson, a Scottish Economist**.
  - The Budget did not have the word 'infrastructure' until it was introduced in the 1900s.
  - The first Budget of independent India was introduced on November 26, 1947.
  - It was presented by **R.K. Shanukham Chetty** , India's first Finance Minister.
  - The Budget was printed in the English language only until **1955** .
  - **Since 1955-56, it has been printed in English and Hindi.**

### 33. Answer: b

#### Explanation:

The correct answer is Ashok Lavasa.

#### ★ Key Points

- The Asian Development Bank has appointed election commissioner Ashok Lavasa as its Vice-President.
- He was next in line of succession to become the chief election commissioner of India after incumbent Sunil Arora retires in April 2021 and would have overseen more than half a dozen assembly elections.
- He will succeed the current vice president at ADB Diwakar Gupta whose tenure ends on 31 August 2020.

#### ★ Additional Information

- ADB:
  - Headquarters - Mandaluyong, Philippines.
  - President - Masatsugu Asakawa.
  - Founded On - 19 December 1966.

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### 34. Answer: d

#### Explanation:

The correct answer is 2008.

#### ★ Key Points

- The National Urban Sanitation Policy was launched in 2008 by the Ministry of Urban Development of India.
- It emphasizes the need of:

- defining integrated city-wide sanitation plans including institutional strengthening.
- awareness generation, behavioural changes.
- pro-poor approaches.
- cost-effective technologies aiming at developing state sanitation strategies
- city sanitation plans should lead to open defecation-free cities.
- sanitary and safe disposal of all human and liquid wastes.

★ **Additional Information**

- Under the National Urban Sanitation Policy, a city that scores points between 34 and 66 and needs considerable improvement is colour-coded as black.
- The comparative rating of cities is based on 19 sanitation indicators.
- It is currently being carried out in 441 cities and towns with a population of more than 100,000.
- The indicators are based on output/process/outcome levels.
- Cities will be rated on parameters such as:
  - complete elimination of open defecation.
  - elimination of open scavenging.
  - safe collection and disposal of total human excreta.
- On the basis of the rating, cities will be classified as Red, Black, Blue, or Green to denote increasing achievement of good environmental and health outcomes (red being the lowest and green the highest).

City Colour Codes: Categories		
Category	Description	Points
Red	Needing immediate remedial action	< 33
Black	Needing considerable improvement	< 34 < 66
Blue	Recovering but still diseased	< 67 < 90
Green	Healthy and Clean city	< 91 < 100



35. Answer: a

**Explanation:**

The correct answer is Pushyamitra Shunga.

★ Key Points

- The last Mauryan king was assassinated by **Pushyamitra Shunga**.
- Brihadhratha was the last ruler of the Maurya dynasty .
- He was assassinated by his commander-in-chief Pushyamitra Shunga in 185 BC .
- Pushyamitra Shunga established the Shunga dynasty.
- Pushyamitra Shunga was a Brahmin.
- Pushyamitra Shunga was the commander in chief of the Last Mauryan king, Brihadhratha.
- He destroyed many of the Ashokan Stupas and Inscriptions.
- Agnimitra was the son of Pushyamitra.
- Bhagabhadra was the son of Agnimitra and Devabhuti was the son of Bhagabhadra.

★ Additional Information

- The Mauryan dynasty lasted 137 years.
- Chandragupta dethroned the last Nanda ruler Dhanananda and occupied the Patliputra in 322 BC.
- Three important rulers of the Maurya dynasty were
  - Chandragupta.
  - Bindusara.
  - Ashoka.

36. Answer: d

**Explanation:**

The correct answer is **Assam**.

★ **Key Points**

- There are five Indian states through which Nepal shares its border.
- Nepal shares a border of almost 1850 km with Uttar Pradesh, Uttarakhand, Bihar, Sikkim, and West Bengal.
- Hence Assam **does NOT have a border with Nepal**.

★ **Additional Information**

- The following table shows that a List of International boundaries shared with respective states of India & lengths of borderline .

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Neighbouring Countries	Bordering States of India	Length of Border Control line
Afghanistan	Jammu and Kashmir	160 km
Bangladesh	West Bengal, Mizoram, Meghalaya, Tripura, and Assam	Purbachal (operating zero-line) with 4096.1 km
Bhutan	Arunachal Pradesh, Assam, Sikkim, and West Bengal	Jaigaon (Bhutan Gate) 699 km
China	Himachal Pradesh, Ladakh, Uttrakhand, Sikkim, and Arunachal Pradesh	The McMahon Line (4056 km)
Myanmar	Arunachal Pradesh, Manipur, Mizoram, and Nagaland	India shares a 1,643-km-long border with Myanmar which touches Arunachal Pradesh, Nagaland, Manipur, and Mizoram.  Zorinpui International border (287 km)
Nepal	Sikkim, West Bengal, Bihar, Uttar Pradesh, and Uttrakhand	Indo-Nepal border (1690 km)
Pakistan	Jammu and Kashmir, Punjab, Gujarat, and Rajasthan	Line of Control (LOC), Radcliff line (3323 km)

37. Answer: b

## Explanation:

The correct answer is Mysuru.

### ★ Key Points

- India's first sandalwood museum has been set up at Aranya Bhavan in Ashokapuram, Mysuru, Karnataka.
- The museum has been set up by the regional forest department to educate the farmers about the importance of sandalwood cultivation.
- It will also provide information on technical assistance, plant availability, marketing facilities, pest control measures, incentives, and schemes provided by the government for sandalwood growers.

### ★ Additional Information

- **Important information about Karnataka :**
  - State Foundation Day: 1 November 1956 ( Celebrated as Karnataka Rajyotsava or Kannada Rajyotsava or Kannada Day , also known as Karnataka Formation Day or Karnataka Day).
  - In 1956, all the Kannada language -speaking regions of South India were merged to form the state of Karnataka.
  - Chief Minister: B. S. Yediyurappa
  - Governor: Vajubhai R Vala
  - State Animal: Indian elephant
  - State Bird: Indian Roller
  - State Tree: Sandal-wood
  - National Parks: Bannerghatta National Park, Bandipur National Park, Nagarhole National Park, Kudremukh National Park, Anshi National Park

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38. Answer: d

## Explanation:

The correct answer is Cricket.

### ★ Key Points

- Vasudev, alias Vasoo, Paranjape — a former First Class cricketer who mentored numerous greats of the game, passed away at his home after a prolonged illness.
- He was 82.
- Paranjape's career as a cricketer was restricted to 29 appearances for Mumbai from 1956 to 1970 .
- From Sunil Gavaskar to Rohit Sharma, from Dilip Vengsarkar to Rahul Dravid, from Sachin Tendulkar to Ramesh Powar, and from Anil Kumble to W.V. Raman, hundreds of international cricketers benefited from Paranjape's timely advice at different junctures in their career.
- He was the **coach of India Under-19** for the inaugural Youth World Cup in 1988, with the squad including the likes of M. Senthilnathan, Pravin Amre, Nayan Mongia, Narendra Hirwani, Venkatapathy Raju, and Subroto Banerjee.

### ★ Additional Information

- A book named " Cricket Drona " on one of India's most respected cricket coaches, Vasoo Paranjape, will be released on September 2, 2020.
- The book published by Penguin has been co-authored by Paranjape's son, former India player Jatin along with cricket journalist Anand Vasu.

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39. Answer: c

### Explanation:

The correct answer is Article 24.

### ★ Key Points

- **Article 24** of the Constitution of India defines that no child below the age of 14 years shall be employed to work in any factory or mine or engaged in any other hazardous employment.
- A child's employment under the age of 14 is strictly prohibited.
- If violated, can result in the imposition of fines, or imprisonment in some states.

- Also, night work, work for more than 6 hours a day, and overtime work is also strictly prohibited.
- The Child Labour Amendment Act 2012 was passed in 2016 in this regard.

★ Additional Information

- Article 76 talks about the office of the Attorney General of India.
  - AG is the chief legal advisor to the government of India.
  - AG is not considered a government servant.
- **Article 34** empowers the Parliament to indemnify (compensate) any government servant or any other person for any act done by him in connection with the maintenance or restoration of order in any area where martial law was in force.
- **Article 89** Officers of Parliament Constitution Of India
  - The Vice-President of India shall be ex officio Chairman of the Council of States.
  - The Council of States shall, as soon as may be, choose a member of the Council to be Deputy Chairman thereof and, so often as the office of Deputy Chairman becomes vacant, the Council shall choose another member to be Deputy Chairman thereof.

40. Answer: c

**Explanation:**

The correct answer is Prime Minister of India.

★ Key Points

- Prime Minister Shri Narendra Modi chaired the 13th BRICS Summit virtually in 2021.
  - He is an Indian politician serving as the 14th and current prime minister of India since 2014.
  - He was the chief minister of Gujarat from 2001 to 2014 and is the Member of Parliament from Varanasi .

- BRICS is the acronym coined to associate five major emerging economies - Brazil, Russia, India, China and South Africa .
- Its headquartered in Shanghai, China .

★ Additional Information

- The first BRIC Summit took place in 2009 in the Russian Federation and focused on issues such as reform of the global financial architecture.
- The 11 th BRICS summit took place in Brazil (Brasilia ) from 13 to 14 November 2019.
- The 2020 BRICS summit was held virtually amid the covid pandemic under the chairmanship of Russia .
- The 13th BRICS Summit was held under India's Chairmanship on 09 September 2021 .
- China will take over the BRICS chairmanship and host the 14th BRICS Summit in the year 2022 .

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41. **Answer: a**

**Explanation:**

The correct answer is 5.

★ Important Points

- Union Finance Minister Nirmala Sitharaman presented the Union Budget 2020-21 in which five archaeological sites are proposed to be developed.
- Three sites will be developed in the North, one in the North East and one in the South of India, and are mentioned below-
  - Rakhigarhi in Haryana
  - Hastinapur in Uttar Pradesh
  - Sivasagar in Assam
  - Dholavira in Gujarat
  - Adichanallur in Tamil Nadu
- Apart from this, a tribal museum is also proposed to be developed in Ranchi in Jharkhand, an Indus Valley civilization maritime museum in Loktak, and a

Harappan civilization maritime museum in Ahmedabad.

---

42. Answer: b

**Explanation:**

The correct answer is Yuzvendra Chahal.

★ Key Points

- **Yuzvendra Chahal** represented India at the World Youth Chess Championships as a teenager.
- Yuzvendra Chahal is a former chess player and an Indian Cricketer who represented India in both day international and Twenty-20 Internationals
- He played for Mumbai Indians, and Royal Challengers Bangalore and now playing for Rajasthan Royals (2022) in the IPL and for Haryana in domestic cricket.

★ Additional Information

- **Mohammed Shami Ahmed** is an Indian international cricketer, who plays for the Indian national cricket team in all formats of the game as a bowler.
  - **Ajinkya Madhukar Rahane** is an Indian international cricketer and former captain of the Indian national cricket team in all formats.
  - **Bhuvneshwar Kumar Singh** is an Indian international cricketer and a former limited-overs vice-captain who plays for Uttar Pradesh in domestic first-class cricket and for Sunrisers Hyderabad in the Indian Premier League.
- 

43. Answer: b

**Explanation:**

The correct answer is Wheat Revolution.



★ Key Points

- Indira Gandhi officially recorded the impressive strides in agriculture, by releasing a special stamp in July 1968, entitled **Wheat Revolution**.
- The Green Revolution in India is largely the **Wheat Revolution** as the wheat production increased by more than three times between **1967-68 and 2003-04**.
- The Green Revolution was an endeavour initiated by Norman Borlaug in the 1960s.
  - He is known as the 'Father of Green Revolution in the world'.
  - In India, the Green Revolution was mainly led by M.S. Swaminathan.
  - For introducing high-yielding varieties of rice and wheat to increase food production in order to alleviate hunger and poverty.
  - The Green Revolution was a period when agriculture in India was converted into an industrial system and was a change in crop pattern.

★ Additional Information

- White Revolution was started to make India self-dependent in milk production.
  - The master brain behind the white revolution in India was Dr Verghese Kurien.
    - Verghese Kurien is well known as the milkman of India.
  - Operation flood is the code name given to the white revolution.
- The 'Brown Revolution' is focused on giving emphasis to an increase in the production of raw leather.
  - Hiralal Chaudri is considered the father of the Brown Revolution.
  - The Brown Revolution is related to Visakhapatnam's tribal areas.
- Yellow revolution is related to Oil seeds like mustard, groundnut sesame, etc.
  - Sam Pitroda is credited for the Yellow revolution.
  - It also resulted in a sudden increase in the production of edible oil due to the production of Hybrid oil seeds.
  - The Yellow revolution started in the year 1986-87.

44. Answer: d

## Explanation:

The correct answer is 1875.

### ★ Key Points

- Sir Syed launched the Aligarh Movement of which Aligarh was the centre .
- He had two immediate objectives in mind: to remove the state of misunderstanding and tension between the Muslims and the new British government and to induce them to go after the opportunities available under the new regime without deviating in any way from the fundamentals of their faith.

### ★ Additional Information

- The Aligarh Movement had other objectives also such as:
  - To persuade Muslims to learn English education.
  - To persuade Muslims to abstain from politics of agitation.
  - To produce an intellectual class from amongst the Muslim community.
  - To bring social and cultural reform to the Muslim community.

---

## 45. Answer: a

## Explanation:

The correct answer is 13 th.

### ★ Key Points

- IPL 2020 was the 13th edition of India's premier T20 league.
- Indian Premier League was conceptualized after India's landmark victory in the maiden ICC WT20 in 2007.
- IPL has been a great platform for young talent to showcase their skills and rub shoulders with the best players in the world.

### ★ Additional Information

- Mumbai Indians won the Indian Premier League (IPL), in 2020.
- The final match was played between Mumbai Indians and Delhi Capitals.
- Mumbai Indians won this match by 5 wickets.
- Mumbai Indians also won Paytm Fairplay Award this year.
- This is the consecutive second time Mumbai Indians won the IPL title & and overall 5th time.

46. Answer: a

Explanation:

The correct answer is North-West Frontier Province.

★ Key Points

- Khan Abdul Ghaffar Khan was the Pashtun leader from North-West Frontier Province.
  - He was called 'Frontier Gandhi' in India and 'Bacha Khan' in Pakistan.
  - The arrest of Abdul Ghaffar Khan in 1930 led to angry demonstrations in the streets of Peshawar.
  - The Khudai Khidmatgar (literally Servants of God), led by Khan Abdul Ghaffar Khan, was a group of Pashtuns committed to the removal of British rule through non-violent methods.
  - On 23 April 1930, Ghaffar Khan was arrested after giving a speech in Utmanzai urging resistance to British rule.
  - This led to demonstrations by a cross-section of civil society in and around Peshawar, led by Maulana Abdur Rahim Popalzai against discriminatory laws like the Frontier Crimes Regulation against the people of the province.

★ Additional Information

Famous Indian personalities	Nicknames
Mahatma Gandhi	Father of the Nation, Bapu, Mahatma
Dadabhai Naoroji	Grand Old man of India
Khan Abdul Ghaffar Khan	<u>Frontier Gandhi</u> , Bacha Khan
Lal Bahadur Shastri	Man of Peace
Vallabhbhai Patel	Iron Man of India
Jawaharlal Nehru	Chacha, Pandit Ji
Dr. Rajendra Prasad	Desh Ratna, Ajatshatru

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47. Answer: d

**Explanation:**

The correct answer is Karama Festival.

★ Key Points

- **Karama Festival** is an agricultural festival celebrated by tribals in Madhya Pradesh and some other states of India, in the month of September-October every year in honour of the God of youth and power.

- The Karama Festival is widely celebrated and popular among the tribal people of Sundargarh, Mayurbhanj, Sambalpur, Bolangir, Dhenkanal, and Keonjhar.
  - The deity worshipped in the festival is either 'Karam', a God, or 'Karamsani', a Goddess who is represented with a branch of the Karam tree.

★ Additional Information

- **The Thrissur Pooram** is an annual temple festival held in Thrissur, Kerala, India.
  - It is held at the **Vadakkunnathan (Shiva) Temple in Thrissur.**
- The **Chandanakudam festival** was conducted on the eve of the Pettathullal (ceremonial mass dance) held at the Nainar Masjid (Vavar Palli) at **Erumeli, Kerala.**
- **Attukal Pongala** is a **10-day** religious festival celebrated at the Attukal Bhagavathy Temple in Thiruvananthapuram in the Indian state of **Kerala**.

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48. **Answer: a**

**Explanation:**

The correct answer is Plants

★ Key Points

- All living organisms are made up of one or more units called cells.
- Organisms consist of only one cell is called a unicellular organism.
- Amoeba is an example of a unicellular organism.
- Other examples of the unicellular organisms are:
  - Chlamydomonas.
  - Protozoa
  - Paramecium.
  - **Bacteria.**
  - Nostoc.
  - Yeast.

- Many cells group together in a single body and assume different functions in it to form various body parts in multicellular organisms.
- Examples of a multicellular organism are:
  - **Plants.**
  - Animals.
  - Fungi.
  - Algae.
- **Hence Plants is the correct answer.**

★ Additional Information

- Every multi-cellular organism has come from a single cell.
- All cells come from pre-existing cells.
- If an organism has no cell, it is called acellular.
  - Virus is an example of an acellular organism.

---

49. **Answer: d**

**Explanation:**

The correct answer is Sikkim.

★ Key Points

- **Sikkim** won the 'Most Film Friendly State Award' at the 67th National Film Awards, 2019
- **Rajat Kamal & Certificate** is provided.
- Ahead of the announcement, the Chairperson and other Jury members called on the Union Minister for Information and Broadcasting Shri Prakash Javadekar and presented him with the selections for the Awards.

★ Additional Information

Category	Name of winner
Best Book on Cinema	A GANDHIAN AFFAIR: INDIA'S CURIOS PORTRAYAL OF LOVE IN CINEMA (Author - Sanjay Suri)
Best Film Critic	Sohini Chattopadhyay
Best Popular Film Providing Wholesome Entertainment	MAHARSHI (Telugu)
Best Actor	Dhanush and Manoj Bajpayee

50. Answer: a

Explanation:

The correct answer is 104.

★ Key Points

- **104 amendments** were made to the Constitution of India till December 2020.
- The latest amendment is 104th Amendment Act, 2020.
- It e xtended the deadline for the cessation of seats for SCs and STs in the Lok Sabha and states assemblies from Seventy years to Eighty . Removed the reserved seats for the Anglo-Indian community in the Lok Sabha and state assemblies .
- Under Article 331, the President use to nominate 2 members of the Lok Sabha from the Anglo-Indians Community.

★ Additional Information

- The Part of the constitution that deals with the amendments of the constitution are Part-XX of the constitution.
- The **only Article-368** contained in Part-XX of the Indian Constitution deals with the Power of Parliament & procedure of the amendments in the Constitution.

- Till date, the total number of amendments in the constitution is 104 among which the latest one is the amendment of Article 334 on 25th January 2020.
- The **42nd amendment act, of 1976** is also known as the Mini Constitution of India as it Contained various amendments in the Preamble, Fundamental Rights, Legislature etc., as well as Part-IV(A), was also inserted in the constitution of India.

51. Answer: d

**Explanation:**

Given:

Ratio of incomes of A and B = 3 : 7

Expenditures of A and B ratio = 2 : 5

Formula used:

Income - Expenditures = Saving

Calculation:

Let income ratio of A and B =  $3x : 7x$

And expenditures ratio of A and B =  $2y : 5y$

According to question,

$$\Rightarrow 3x - 2y = 5500 \text{ -----(1)}$$

$$\Rightarrow 7x - 5y = 5500 \text{ -----(2)}$$

From (1) and (2), we get

$$x = 16500$$

Income of B =  $7x$



$$\Rightarrow 7 \times 16500 = 115500$$

$\therefore$  The income of B = 115500

---

**52. Answer: a**

**Explanation:**

Given:

Case(1) - Amount = 8330, Time = 2.5 Years

Case(2) - Amount = 10166, Time = 5.5 Years

Formula used:

$$A = P + SI$$

$$SI = (P \times r \times t)/100$$

Calculation:

Case (1)-

$$\Rightarrow 8330 = P + (P \times r \times 2.5)/100$$

$$\Rightarrow 8330 = P[1 + (r \times 2.5)/100] \quad \dots(i)$$

Case (2)-

$$\Rightarrow 10166 = P[1 + (r \times 5.5)/100] \quad \dots(ii)$$

Apply Eqn (i)/(ii)

$$\Rightarrow 8330/10166 = \frac{[1 + \frac{2.5 \times r}{100}]}{[1 + \frac{5.5 \times r}{100}]}$$

$$\Rightarrow 0.8194 [100 + 5.5r] = [100 + 2.5r]$$

$$\Rightarrow 81.94 + 4.5r = 100 + 2.5r$$

$$\Rightarrow 2r = 18.06$$

$$\Rightarrow r = 9\%$$

From eqn (i)

$$\Rightarrow 8330 = P [100 + 9 \times 2.5]/100$$

$$\Rightarrow P = 8330 \times 100/122.5$$

$$\Rightarrow P = \text{Rs. 6800}$$

Now acc. to Question-

$$R = 2r = 18\%, t = 4 \text{ Years}$$

$$SI = (P \times R \times t)/100$$

$$\Rightarrow (6800 \times 18 \times 4)/100$$

$$\Rightarrow \text{Rs 4896}$$

★ Alternate Method

Calculation:-

	Time	Amount
	$5\frac{1}{2}$ year	10,166
-	$2\frac{1}{2}$ year	2,330
S.I.	3 year	= 1836
S.I.	1 year	= Rs. 612

$$\therefore \text{S.I. for } 2\frac{1}{2} \text{ years} = 612 \times 2.5 = \text{Rs. 1530}$$

$$\therefore \text{Principal for } 2\frac{1}{2} \text{ years} = A - SI = 8330 - 1530$$

$$\text{Principal}(P) = \text{Rs.6800}$$

$$\text{S.I. for } 2\frac{1}{2} \text{ years} = 1530 = (6800 \times R \times 2\frac{1}{2})/100$$

$$\therefore R = \frac{1530 \times 200}{6800 \times 5}$$

$$R = 9\%$$

According to question,

$$T = 4 \text{ years, } r = 2R = 18\%$$

$$\text{S.I.} = (6800 \times 18 \times 4)/100$$

$$\text{S.I.} = \text{Rs.}4896$$

$\therefore$  Required S.I. is Rs.4896.

53. Answer: a

Explanation:

Concept Used:

Calculation:

$$\Rightarrow 2 - [2\frac{1}{2} \times (-\frac{2}{3}) - 5 \{ \frac{1}{5} - (\frac{3}{5} - \frac{7}{10}) \}]$$

$$\Rightarrow 2 - [2\frac{1}{2} \times (-\frac{2}{3}) - 5 \{ \frac{1}{5} + \frac{1}{10} \}]$$

$$\Rightarrow 2 - [2\frac{1}{2} \times (-\frac{2}{3}) - 5 \times \frac{3}{10}]$$

$$\Rightarrow 2 - [\frac{5}{2} \times -\frac{2}{3} - 5 \times \frac{3}{10}]$$

$$\Rightarrow 2 - [-\frac{10}{6} - \frac{15}{10}]$$

$$\Rightarrow 2 + \frac{190}{60}$$

$$\Rightarrow 310/60$$

$$\Rightarrow 5\frac{1}{6}$$

54. Answer: a

**Explanation:**

Given:

$$SP = \text{Rs. } 870$$

$$\text{Loss} = 25\%$$

**Formula used:**

$$CP = \frac{100}{(100 - \text{Loss}\%)} \times SP$$

$$SP = \frac{(100 + \text{Gain}\%)}{100} \times CP$$

**Calculation:**

$$CP = \frac{100}{(100 - \text{Loss}\%)} \times SP$$

$$CP = \frac{100}{(100 - 25)} \times 870$$

$$CP = \frac{100}{75} \times 870$$

$$CP = \text{Rs. } 1160$$

According to the question

New selling price,

$$SP = \frac{(100 + \text{Gain}\%)}{100} \times CP$$

$$SP = \frac{(100 + 25)}{100} \times 1160$$

$$SP = \frac{125}{100} \times 1160$$

$$SP = \text{Rs. } 1450$$

Given:

★ Alternate Method

$$SP_1 = \text{Rs. } 870$$

$$\text{Loss} = 25\%$$

$$\text{Gain} = 25\%$$

$$SP_2 = \frac{(100 + \text{Gain}\%)}{(100 - \text{Loss}\%)} \times SP_1$$

$$SP_2 = \frac{(100 + 25)}{(100 - 25)} \times 870$$

$$SP_2 = \frac{125}{75} \times 870$$

$$SP_2 = \text{Rs. } 1450$$

55. Answer: a

Explanation:

Calculation:

$$\frac{72 + \frac{3}{8} \text{ of } 56 - 8}{95 - \frac{1}{2} \text{ of } (25 - 21)}$$

Concept used:

Follow the BODMAS rule according to the table given below

<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 (-)

**Solution:**

$$\Rightarrow (72 + 3 \times 7 - 8) / (95 - \frac{5}{2} \text{ of } 4)$$

$$\Rightarrow (72 + 21 - 8) / (95 - 10)$$

$$\Rightarrow 85 / 85$$

$$\Rightarrow 1$$

**56. Answer: b**

**Explanation:**

**Formula used:**

$$\text{Selling price} = \text{Marked price} - \text{discount \%}$$

$$\text{Marked price} = \text{cost price} + \text{Profit \%}$$

**Calculation:**

Let Marked price to be = 100 %

$$\text{Selling price} = 100\% - 25 \%$$

$$\Rightarrow 75 \%$$

According to question,

$$\text{Value of } 75 \% = 614.25$$

$$\text{Value of } 100 \% = 614.25 \times \frac{100}{75} \%$$

$$\text{Marked price ( } 100\% \text{ )} = 819$$

$$\Rightarrow 819 = \text{cost price} + \text{profit \%}$$

$$\Rightarrow 819 = 100 \% + 17 \%$$

$$\Rightarrow 819 = 117 \%$$

$$\Rightarrow 100 \% = 700$$

$\therefore$  Cost price of the item = Rs. 700

**57. Answer: b**

**Explanation:**

Formula used:

$$\text{Profit} = \text{Selling price} - \text{Cost price}$$

$$\text{Profit \%} = \left( \frac{\text{Profit}}{\text{Cost price}} \right) \times 100$$

Calculation:

Let the cost price of the article be = 100

The marked price of the article be = x

According to question,

$$\Rightarrow x \times \left( \frac{80}{100} \right) = [ 100 \times \left( \frac{104}{100} \right) ]$$

$$\Rightarrow x = 130$$

When no discount is given,

$$\text{Selling price} = 130$$

$$\text{Profit} = \text{selling price} - \text{cost price}$$

$$\Rightarrow 130 - 100 = 30$$

$$\text{Profit \%} = \left( \frac{30}{100} \right) \times 100$$

$$\Rightarrow 30 \%$$

⇒ 30% above the cost price will be marked.

---

**58. Answer: a**

**Explanation:**

**Given:**

Distance upstream = 33 km

Distance downstream = 21 km

Speed of motorboat = 25 km/h

Speed of stream = 3 km/h

**Concept used:**

Let Speed of motorboat =  $v$

And Speed of stream =  $u$

Time taken by boat upstream and downstream =  $t$

∴ Distance covered by boat downstream =  $(v + u)t$

∴ Distance covered by boat upstream =  $(v - u)t$

**Calculation:**

let the time taken be  $t$

$$\Rightarrow v - u = 25 - 3 = 22 \text{ km/h}$$

$$\Rightarrow v + u = 25 + 3 = 28 \text{ km/h}$$

∴ According to question,

$$\Rightarrow t = 33/(v - u) + 21/(v + u)$$



$$\Rightarrow 33/22 + 21/28$$

$$\Rightarrow 3/2 + 3/4$$

$$\Rightarrow 2.25 \text{ h}$$

After converting 0.25 h in minutes,

$$\Rightarrow t = 2 \text{ h } 15 \text{ min}$$

∴ Total time taken by boat is **2 h 15 min**.

**59. Answer: c**

**Explanation:**

**Given:**

The gains percentage of manufacturing is 5%.

The gains percentage of the wholesale dealer is 10%.

And gains percentage of the retailer is 12%.

The retail price of a table is Rs. 1,100.

**Concept:**

$$\text{Retail Price} = \frac{(100+P_1)}{100} \times \frac{(100+P_2)}{100} \times \frac{(100+P_3)}{100} \times CP$$

**Calculation:**

Let the production cost of the table be Rs. x.

∴ S.P of the manufacturing = 105% of Rs. x

$$\Rightarrow \frac{105}{100} \times x = \frac{21X}{20}$$

S.P of the dealer = 110% of Rs.  $\frac{21X}{20}$

$$\Rightarrow \frac{110}{100} \times \frac{21X}{20} = \frac{231X}{200}$$

S.P of the retailer = 112% of Rs.  $\frac{231X}{200}$

$$\Rightarrow \frac{112}{100} \times \frac{231X}{200}$$

$$\therefore \text{Retail price} = \frac{112}{100} \times \frac{231X}{200}$$

$$\Rightarrow 1100 = \frac{112}{100} \times \frac{231X}{200}$$

$$\Rightarrow X = \frac{(1100 \times 100 \times 200)}{(112 \times 231)} = \text{Rs. } 850.34$$

$\therefore$  The cost of production of the table is Rs. 850.34.

★ Shortcut Trick

Let the production cost of the table be Rs. x.

$$\text{Retail Price} = \frac{(100+P_1)}{100} \times \frac{(100+P_2)}{100} \times \frac{(100+P_3)}{100} \times CP$$

$$\Rightarrow 1100 = \frac{(100+5)}{100} \times \frac{(100+10)}{100} \times \frac{(100+12)}{100} \times X$$

$$\Rightarrow \frac{105}{100} \times \frac{110}{100} \times \frac{112}{100} \times X = 1100$$

$$\Rightarrow X = \frac{(1100 \times 10^6)}{(105 \times 110 \times 112)} = \text{Rs. } 850.34$$

$\therefore$  The cost of production of the table is Rs. 850.34.

60. Answer: c

**Explanation:**

Given:

$$\text{Rate}(r_1) = 12\frac{1}{2} \%$$

$$\text{Rate}(r_2) = 10\frac{1}{2} \%$$

$$\text{Time}(t) = 1 \text{ year}$$

Losses of simple interest yearly = Rs. 300

**Formula used:**

$$\text{Simple interest} = (P \times R \times T) / 100$$

**Calculation:**

Let the amount invested by Deepthi be Rs. x.

$$\text{The rate of interest fall} = 12\frac{1}{2} \% - 10\frac{1}{2} \%$$

$$\Rightarrow \left( \frac{25}{2} - \frac{21}{2} \right) \% = \frac{4}{2} \% = 2\%$$

The rate of interest fall = 2%

$$\text{Simple interest} = (P \times R \times T) / 100$$

$$\Rightarrow 300 = \frac{(x \times 2 \times 1)}{100}$$

$$\Rightarrow 2x = 30000$$

$$\Rightarrow x = \frac{30000}{2} = \text{Rs. } 15000$$

∴ The amount invested by Deepthi is Rs. 15,000.

★ **Shortcut Trick**

If the rate of interest is fall.

$$\text{Simple interest} = \{ P \times R \times (T_1 - T_2) \} / 100$$

$$\Rightarrow 300 = \frac{x \times 1 \times \left( \frac{25}{2} - \frac{21}{2} \right)}{100}$$

$$\Rightarrow 300 = \frac{(x \times 2 \times 1)}{100}$$

$$\Rightarrow x = \frac{30000}{2} = \text{Rs. } 15000$$

∴ The amount invested by Deepthi is Rs. 15,000.

61. Answer: c

### Explanation:

Formula used:

Average = Sum of all the terms/Total number of terms

Calculation:

Numbers between 13 and 43 which are divisible by 3 are 15, 18, 21, 24, 27, 30, 33, 36, 39, 42.

Average =  $(15 + 18 + 21 + 24 + 27 + 30 + 33 + 36 + 39 + 42)/10$

$\Rightarrow 285/10$

$\Rightarrow 28.5$

$\therefore$  The correct answer is **28.5**.

---

62. Answer: b

Explanation:

Given:

Given numbers are 28, 32, and 56

Concept used:

The least number which is exactly divisible by each one of the given numbers is called their LCM.

Calculation:

LCM of 28, 32, and 56

$28 = 2 \times 2 \times 7$

$32 = 2 \times 2 \times 2 \times 2 \times 2$

$$56 = 2 \times 2 \times 2 \times 7$$

$$\text{LCM of } 28, 32, \text{ and } 56 = 2 \times 2 \times 2 \times 2 \times 2 \times 7 = 224$$

Now,

To make the least perfect square multiply by 2 and 7 then,

$$\Rightarrow 224 \times 2 \times 7$$

$$\Rightarrow 3136$$

**63. Answer: d**

**Explanation:**

**Given:**

A reduction of  $6\frac{1}{4}\%$  in the price of wheat.

**Calculation:**

Let, The original price (per kg) of wheat =  $Rs.x$

$\therefore$  The quantity of wheat in Rs. 150 =  $\frac{150}{x} kg$

After reduction,

The price (per kg) of wheat =  $x - \frac{x \times 25}{4 \times 100}$

$$\Rightarrow \frac{15x}{16}$$

$\therefore$  The quantity of wheat in Rs. 150 =  $\frac{150 \times 16}{15x} kg = \frac{160}{x} kg$

According to the question,

$$\Rightarrow \frac{160}{x} - \frac{150}{x} = \frac{1}{2}$$

$$\Rightarrow \frac{10}{x} = \frac{1}{2}$$

$$\Rightarrow x = \text{Rs.}20$$

The original price (per kg) of wheat = Rs. 20

After reduction, The price (per kg) of wheat =  $15 \times 20/16 = \text{Rs } 18.75$

$\therefore$  The difference between the original and the reduced rates of wheat. =  $20 - 18.75$

$$\Rightarrow \text{Rs. } 1.25$$

**64. Answer: a**

**Explanation:**

Given:

$$\text{Area of square field} = 193600 \text{ m}^2$$

Formula used:

$$\text{Perimeter of square} = 4a$$

$$\text{Circumference of circle} = 2\pi r$$

$$\text{Area of square field} = a^2$$

$$\text{Area of circle} = \pi r^2$$

Calculation:

$$\Rightarrow a^2 = 193600 \text{ m}^2$$

$$\Rightarrow a = 440 \text{ m}$$

According to the question,

$$\Rightarrow 4a = 2 \times 2\pi r$$

$$\Rightarrow 4 \times 440 = 4 \times 22/7 \times r$$

$$\Rightarrow r = 20 \times 7 = 140 \text{ m}$$

$$\text{Area of circular field} = \frac{22}{7} \times 140 \times 140$$

$$\Rightarrow 61600 \text{ m}^2$$

$\therefore$  The correct answer is **61600 m<sup>2</sup>**.

---

**65. Answer: a**

**Explanation:**

**Given:**

A library has an average of 240 visitors on Sundays and 150 visitors on other days. Month starts with Monday and total number of days in a month is 30 days.

**Concept:**

We have total 30 days. So total 4 weeks and extra 2 days.

Since month starts with Monday. So in extra 2 days.

So, there are total 4 Sundays in the given month.

**Calculation:**

As per the question, total number of Sundays in the given month is 4.

$$\text{Required Average} = (240 \times 4 + 150 \times 26) / 30$$

$$\Rightarrow (240 \times 4 + 150 \times 26) / 30 = 4860 / 30$$

$$\Rightarrow 4860 / 30 = 162$$

So, the approximate value of average number of visitors per day is 162.

---

66. Answer: c

**Explanation:**

Given:

The successive discounts are 5%, 10% and 16%

**Concept:** If there are three successive discounts of a%, b% and c% on MP

$$SP = MP \times \frac{(100-a)}{100} \times \frac{(100-b)}{100} \times \frac{(100-c)}{100}$$

**Formula used:**

$$SP = MP \times (100 - D\%)/100$$

$$D\% = (D/MP) \times 100$$

**Calculation:**

Let MP be x

$$SP = x \times (100 - 5)/100 \times (100 - 10)/100 \times (100 - 16)/100$$

$$\Rightarrow SP = x \times 95/100 \times 90/100 \times 84/100$$

$$\Rightarrow SP = 7182x/10000$$

$$\text{Now } D = x - (7182x/10000) = 2818x/10000$$

$$D\% = [(2818/10000)/x] \times 100 = 2818/100$$

$$\Rightarrow D\% = 28.18$$

Hence, the equivalent discount is 28.18%

67. Answer: a



### Explanation:

Given:

$$3\% \text{ of Number} = 4\% \text{ of } 12 + 6\% \text{ of } 80$$

Calculation:

Let the value of the number be  $x$ .

$$3\% \text{ of Number} = 4\% \text{ of } 12 + 6\% \text{ of } 80$$

$$\Rightarrow 3\% \times x = 4\% \times 12 + 6\% \times 80$$

$$\Rightarrow \frac{3}{100} \times x = \frac{4}{100} \times 12 + \frac{6}{100} \times 80$$

$$\Rightarrow 3x = 48 + 480 = 528$$

$$\Rightarrow x = \frac{528}{3} = 176$$

$\therefore$  The number is 176.

---

### 68. Answer: c

Explanation:

Given:

The numbers are 25, 96, 108 and 225

Calculation:

The prime factorization of the numbers

$$\Rightarrow 25 = 5^2$$

$$\Rightarrow 96 = 2^5 \times 3$$

$$\Rightarrow 108 = 2^2 \times 3^3$$

$$\Rightarrow 225 = 3^2 \times 5^2$$

$$\text{LCM} = 2^5 \times 3^3 \times 5^2 = 21600$$

$$\therefore \text{LCM} = 21600$$

---

69. Answer: c

**Explanation:**

Given:

Madhur Efficiency = 3 × Manisha Efficiency

Calculation:

Let Manisha complete a work in 3x Days

So Madhur will do same work in x Days

According to Question -

$$\Rightarrow 1/3x + 1/x = 1/15$$

$$\Rightarrow (1 + 3)/3x = 1/15$$

$$\Rightarrow 3x = 15 \times 4$$

$$\Rightarrow x = 20$$

$\therefore$  Madhur will complete work in 20 Days.

---

70. Answer: d

**Explanation:**

Given:-

$$A : B : C = (3/4) : (4/5) : (5/8)$$

$$A - C = 185$$

**Calculation:-**

Let Sum of Rs. be  $a$ ,

$$\therefore A = 3a/4, B = 4a/5, C = 5a/8$$

According to ques,

$$\Rightarrow 3a/4 - 5a/8 = 185$$

$$\Rightarrow (6a - 5a) = 185 \times 8$$

$$\Rightarrow a = 1480$$

We know that-

$$\Rightarrow x = 3a/4 + 4a/5 + 5a/8$$

$$\Rightarrow x = (3 \times 1480)/4 + (4 \times 1480)/5 + (5 \times 1480)/8$$

$$\Rightarrow x = 1110 + 1184 + 925$$

$$\Rightarrow x = 3219$$

**71. Answer: d**

**Explanation:**

**Given:**

Principal,  $P_1 = \text{Rs. } 725$

Principal,  $P_2 = \text{Rs. } 362.50$

Time( $t_1$ ) = 1 year

Time( $t_2$ ) = 4 months =  $4 \times 1/12 = 1/3$  year

Simple interest = Rs. 53.50

**Formula used:**

Simple interest =  $(P \times R \times T) / 100$

**Calculation:**

Let the original rate be R %.

According to the question

$\therefore$  The new rate = 2R %

Total interest of one year .

$$\Rightarrow SI = \frac{(P_1 \times r \times t)}{100} + \frac{(P_2 \times r \times t)}{100}$$

$$\Rightarrow \left(\frac{725 \times R \times 1}{100}\right) + \left(\frac{362.50 \times 2R \times 1}{100 \times 3}\right) = 53.50$$

$$\Rightarrow (2175 + 725)R = 53.50 \times 100 \times 3$$

$$\Rightarrow 2900R = 16050$$

$$\Rightarrow R = \frac{16050}{2900} = 5.5344\%$$

$\therefore$  The original rate is 5.53%.

---

**72. Answer: b**

**Explanation:**

**Given:**

Ratio of ages of A and B (3 years ago) = 8 : 9

Ratio of ages of A and B (5 years hence) = 10 : 11

$$C = A - 8 \text{ (C is 8 years younger than A)}$$

**Calculation:**

$$C = A - 8 \text{ ----(1)}$$

$$\text{Ratio of ages of A and B at present} = \frac{8x + 3}{9x + 3} = \frac{10x - 5}{11x - 5} \text{ ----(2)}$$

$$\Rightarrow 8x + 3/9x + 3 = 10x - 5/11x - 5$$

$\therefore$  By cross multiplication,

$$\Rightarrow 88x^2 - 7x - 15 = 90x^2 - 15x - 15$$

$$\Rightarrow 2x^2 - 8x = 0$$

$$\Rightarrow x(2x - 8) = 0$$

$$\Rightarrow x = 0, x = 4 \text{ (possible value)}$$

Putting  $x = 4$  in equation (2) we get,

$$\text{A present age} = (8x + 3) = 35 \text{ years}$$

$$\text{B present age} = (9x + 3) = 39 \text{ years}$$

From equation (1) we get,

$$\text{C present age} = 27 \text{ years}$$

$$\text{Ratio of present ages of B and C} = 39/27 = 13 : 9$$

$\therefore$  The present ratio of B and C is **13 : 9**.

★ **Important Point:**

Ratio of ages of persons remains same at any given year.

---

**73. Answer: c**

## Explanation:

Calculation: Ratio of wages = Ratio of efficiency

According to the question

The ratio of efficiency of A: B = 7: 1

The ratio of wages of A: B = 7: 1

Daily wages of A and B together =  $20,800 \div 13 = 1600$

$\therefore$  Daily wages of B =  $1600 \times (1/8) = 200$

### ★ Alternate Method

Given:

A and B worked together and received a salary of Rs. 20,800 for 13 days.

The efficiency of A = 7 times, and the efficiency of B

Formula used:

Work = Efficiency  $\times$  Time

Calculation:

A and B worked together for 13 days, they received a salary = Rs. 20800

$\therefore$  A and B worked together for 1 day, they received a salary =  $Rs. 20800/13$

$\Rightarrow$  Rs.1600

Now,

According to the question

A's efficiency in the work was 7 times of B's.

Let,

The efficiency of B = x

The efficiency of A = 7x

Total time is taken by A and B =  $7x + x = 8x$

The daily wage of B =  $\frac{x}{8x} \times 1600$

⇒ Rs. 200

∴ The required wage for B is Rs. 200 .

**74. Answer: b**

**Explanation:**

**Given:**

1st Train moving speed = 60 km/h

2nd Train moving speed = 24 km/h

Both trains moving in the same direction.

**Calculation:**

As both trains moving in the same direction, the relative speed of faster train =  $60 - 24 = 36$  km/h

The relative speed in m/sec =  $36 \times \frac{5}{18} = 10$  m/sec.

Time taken = 30 sec

Therefore, distance traveled =  $10 \times 30 = 300$  m

So the combined length of two train is 300 m.

75. Answer: a

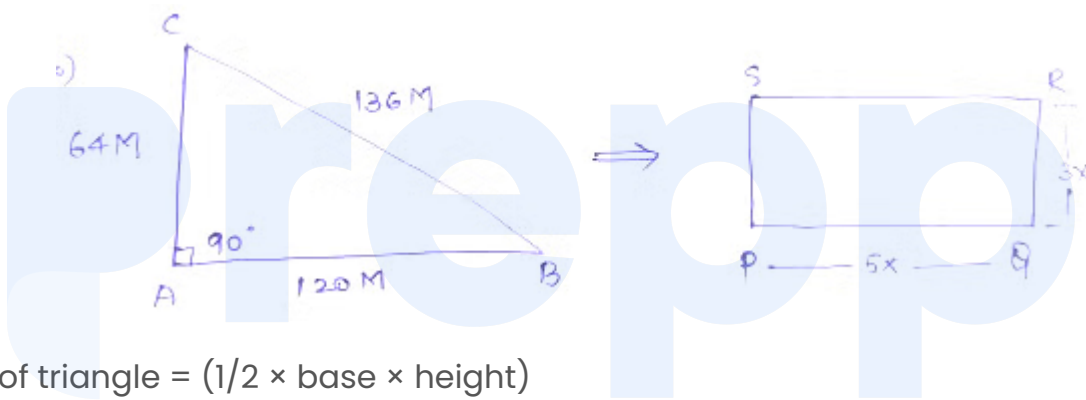
Explanation:

Given:

The area of a rectangular field is equal to the area of a triangular plot whose sides are 64 m, 120 m and 136 m.

Ratio of the sides of the rectangular field is 5 : 3.

Concept:



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

Perimeter of rectangle =  $2(l + b)$

Calculation:

Triangle side ratio =  $64 : 120 : 136 = 8 : 15 : 17$

This is a Pythagorean triplet.

So, the area of triangle =  $(1/2 \times 120 \times 64) = 3840 \text{ m}^2$

Area of the rectangle is  $3840 \text{ m}^2$

The ratio of the sides of the rectangular field is 5 : 3.

Side of the rectangle is 5x, 3x

Area of rectangle is  $15x^2$



$$\Rightarrow 15x^2 = 3840$$

$$\Rightarrow x^2 = 256$$

$$\Rightarrow x = 16$$

Side of the rectangle is 80, 48.

Perimeter of rectangle =  $2(80 + 48) = 256$  m

So, the perimeter of the rectangle is 256 m.

---

76. Answer: d

**Explanation:**

The correct answer is "tread".

★ Key Points

- To **tread** is to place **one's foot on something** while moving forward.
  - *Example: The **tread** was covered by carpet.*
- According to the **meaning** of the given question, She was able to persuade her family that she should **depend on** her chosen path what she had chosen.
- Therefore, the word "**depend**" matches with "**tread**".

★ Additional Information

Let's check the meaning of the other options.

Words	Meaning	Example
ponder	Pondering is the <b>act of thinking deeply and persistently</b> about something.	Riya was found constantly <b>pondering</b> the question
dread	To feel deeply <b>concerned or terrified</b> about something that will happen or could happen is to sense dread.	Some people feel <b>dread</b> speaking in front of an audience.
dwel	To dwell is to <b>stay in a place</b> or behave a certain way.	Rama didn't have time to <b>dwell</b> on her result day

77. Answer: d

Explanation:

The correct answer is "all the furnitures".

★ Key Points

- In the given question, the **second part** is wrong here.
- "All" is a plural term that denotes a **variety of things**.
- We should use "**furniture**" after the word "all".

The **correct sentence** is My friend sold all the furniture he had before leaving the city.

78. Answer: a

Explanation:

The correct answer is "Pedestrian".

★ Key Points

- The following sentence's meaning is asking for a **person, especially one who does so near a road** .
- A **pedestrian** is someone who prefers to **travel on foot to drive a car** .
- According to the **meaning** both are same.

★ Additional Information

Let's see the meaning of the other words.

Words	Meaning
Pedestal	To view someone as a <b>pedestal</b> is to consider them to be flawless and without flaws.
Footman	A <b>footman</b> is a <b>male servant</b> who frequently wears a distinctive uniform and typically performs tasks like opening doors or serving food.
Pedagogue	A <b>pedagogue</b> is a <b>teacher</b> who is boring and pays too much attention to formal norms.

79. Answer: d

Explanation:

The correct answer is "Dependable ".

★ Key Points

- Being **reliable** involves constantly **providing goods or services** .
  - *Example: Ram is not a very reliable person.*
- On the other hand, a **dependable** individual is **loyal, stable, and provides trustworthy service** .
  - *Example: Lisa needs a dependable worker.*

★ Additional Information

Let's see the other meaning.

- **Affordable** refers to being available for **purchase or rental** by those with modest incomes.
  - Being **capable** refers to **having the abilities** (such as physical or mental strength) to do or complete an action.
  - The property of being **suitable** or appropriate for a **specific purpose or occasion** is referred to as suitability.
- 

80. Answer: c

### Explanation:

The correct answer is "located".

#### ★ Key Points

- The given sentence is in **passive voice**.
- Form of "**be**" verb + **past participle** is the formula for passive verbs.
- The **past participle** form of the verb will be used after "**is**".
- Only **option 3)** is the correct form of the verb which should be used in the given blank.
- The rest of the options are not the **correct forms** of verb.

The final sentence is "**The head office is located overseas but has branches in many cities in India.**"

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81. Answer: c

### Explanation:

The correct answer is "were loosely plaited".

#### ★ Key Points

- The fourth and final part of the provided sentence has a **grammatical problem**.
- However, in English, "**hair**" is a **mass noun** (much like "fur" or "grass") and is used with **singular verbs** as a result.
- "**Was**" will be used in place of "**were**".

The correct sentence will be "**The young girl's long black hair that reached her waist was loosely plaited**".

82. Answer: b

Explanation:

The correct answer is "**Aristocrat**".

★ Key Points

- **Aristocrats** are people from **high social standing families**, especially those who have titles.
- According to **English grammar**, **Aristocrat** is the correct word.
- Therefore, "**Aristocret**" is not a correctly spelt word.

83. Answer: b

Explanation:

The correct answer is "**Insomnia**".

★ Key Points

- **Insomnia** is a common sleep disorder in which a person cannot sleep properly.
- In most cases, insomnia is related to poor sleeping habits, depression, anxiety, etc.
- **Example** - *My friend suffered from insomnia caused by stress at work.*

★ Additional Information

- **Sickness** means a feeling of illness or not feeling well.
  - **Example** – *She died from an unknown sickness.*
- **Complaint** means an act of complaining or a statement that you are not satisfied with something.
  - **Example** – *The school received a lot of complaints about the English teacher.*
- **Disorder** – A disturbance of normal functioning of the mind or body.
  - **Example** – *Latika is suffering from panic disorder.*

84. Answer: d

**Explanation:**

The correct answer is "Go to bed".

★ Key Points

- The most appropriate meaning of the given idiom "Hit the sack" is "Go to bed".
- **Hit the sack** – It indicates that it's time to go to bed.
- **Example** – *I am really tired after all the exercise. I am going to hit the sack.*

★ Additional Information

- Let's look at the meaning and examples of some idioms of the word 'Hit'.

Idiom	Meaning	Example
Hit the nail on the head	To describe what is causing the problem.	Sumeet hit the nail on the head when he said that what's lacking in this company is a feeling of confidence.
Hit the spot	To be exactly what is needed.	The pasta really hit the spot.

85. Answer: d

**Explanation:**

The correct answer is " stop doing it" .

★ Key Points

- **Giving up** means to stop trying to do something or to accept that you cannot do something.
- **Example** - *Never give up on your dreams.*

★ Additional Information

- **To postpone** - To extend or to delay further.
- **Example** - *Our exams have been postponed due to COVID-19.*
- **Accept it** - To agree or to say yes to something .
  - **Example** - *She accepted her job letter from amazon.*
- **Examine it** - To inspect something carefully .
  - **Example** - *Shoaib examined the crime site.*

86. Answer: c

**Explanation:**

The correct answer is "**Biased**".

★ Key Points

- **Antonym** means opposite of another word.
- **Candid** means frank, honest, unfiltered, or saying what you think.
  - **Example** - *They stated their opinion candidly.*
- **Biased** - Doing partiality, preferring or liking someone more than someone else.
  - **For example** - *Aman is biased against women.*

★ Additional Information

- **Sharp** – Turning suddenly, punctually.
  - **Example** – *There is a sudden increase in global warming.*
- **Frank** – Sharing thoughts clearly.
  - **Example** – *Don't be afraid, to be frank with me.*
- **Blunt** – Saying anything without trying to be polite.
  - **Example** – *She is blunt about her love life .*

---

87. Answer: d

**Explanation:**

The correct answer is "Heritage".

★ Key Points

- **Heritage** – Tradition or culture of a country that existed for a long time, inheritance.
- **Example** – *The historic buildings are our heritage.*

★ Additional Information

- **Fashion** – The style of dressing that is most popular at that particular time.
  - **For example** – *Skinny jeans are in fashion .*
- **Portion** – a part of something.
  - **Example** – *What portion of your salary do you invest?*
- **Estate** – Large area of land owned by someone or an area that has the same type of buildings or factories.
  - **Example** – *The Sharma bought the estate in the 1980s.*

---

88. Answer: d

**Explanation:**



The correct answer is "Malignant".

★ Key Points

- **Antonym** means opposite of another word.
- **Benign** - Kind or gentle.
  - **Example** - *The audience is more benign .*
- **Malignant** - Dangerous or injurious or evil.
  - **Example** - *She developed malignant liver cancer.*

★ Additional Information

- **Amiable** - Friendly and pleasant.
  - **Example** - *He is a charming, amiable man.*
- **Compassionate** - Sympathetic or wanting to help others.
  - **Example** - *He is a good speaker and compassionate man.*
- **Gentle** - Kind and calm.
  - **Example** - *Ravi is a gentle boy.*

---

89. Answer: a

**Explanation:**

The correct answer is "lots of people".

★ Key Points

- **A lot** means a set of people or things in excess
- **"A lot"** is generally used when we emphasize something that is present in excess amount.
  - **Example** - *I have a lot of money.*
  - A lot is used as an **adverb**.

★ Additional Information

- A lot of and lots of are used with countable and uncountable nouns.
- These can be used with singular and plural nouns.

- **Example** – *A lot of milk is in the glass. (Singular)*
  - **Example** – *Lots of tables are needed at a party. (Plural)*
- 

90. Answer: d

**Explanation:**

The correct answer is "no improvement required".

★ Key Points

- "What is the average height of an American male" is grammatically correct.

★ Additional Information

- An average height in – 'In' means position inside a particular object.
  - A average height for – 'A' is not used with a vowel and for means the use of something.
  - An average height of – 'An' is used before a noun that is general or when its identity is not known.
- 

91. Answer: d

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**Explanation:**

The correct answer is "Buffett".

★ Key Points

- The correct spelling is "Buffet".
- It means a meal where people serve themselves food that is arranged on a table.
- **Example** – *The dinner includes a buffet and drinks.*

★ Additional Information

- **Awesome** – Impressive
    - **Example** – *We had an awesome task ahead of us.*
  - **Pauper** – A very poor person.
    - **Example** – *A pauper begs on road.*
  - **Mischief** – Bad behavior especially of a child.
    - **Example** – *Tarun is a mischievous boy.*
- 

92. Answer: c

**Explanation:**

The correct answer is "**Foresight**".

★ Key Points

- **Foresight** means the ability to see what might happen in the future.
- **Synonyms** – Foreknowledge, prescience.
- **Example** – *His career choice shows a lack of foresight.*

★ Additional Information

- **Hindsight** – The understanding that you have of a situation only after it has happened.
    - **Example** – *With hindsight, we clearly see the alternatives.*
  - **Prospect** – The possibility that something will happen.
    - **Example** – *There's little prospect of better weather by next week.*
  - **Provision** – The giving of something to somebody
    - **Example** – *The government is responsible for the provision of education.*
- 

93. Answer: c

**Explanation:**

The correct answer is "**familiar to a**".

★ Key Points

- The correct sentence is "**we are all familiar with the use of fingerprints in solving crimes.**"
- '**With the**' means in the company of something or having something.
- **Examples** - *I am familiar with all the tricks of maths.*

★ Additional Information

- **To** - used to indicate destination or direction.
  - **Example** - *She is going to a party.*
- **We are all** - It is correct as '**we**' is plural and along with plural words '**are**' is used.
  - **Example** - *We are going to a party.*
- **In** - used to show inside.
  - **Example** - *She lay in bed.*

---

94. Answer: b

**Explanation:**

The correct answer is "**Charming**".

★ Key Points

- **Charming** - Very attractive or delightful.
  - This word is used to describe people who use their attractiveness to influence people.
  - **Example** - *He is the most charming boy in my class.*

★ Additional Information

- **Skilled** - A person who has some skill and ability to do something well.
  - **Example** - *The workers of my company are skilled.*
- **Ignorant** - showing no interest, unaware, uninformed.
  - **Example** - *They were ignorant of the facts.*
- **Familiar** - Well known to you, having knowledge of something.

- **Example** – *She is familiar to all politicians.*

95. **Answer: d**

**Explanation:**

The correct answer is "**sanction**".

★ Key Points

- **Sanction** – Official permission to do or change something.
- **Example** – *The government sanctioned five hundred crores to the Himachal government.*

★ Additional Information

- **Strengthen** – To make something stronger.
  - **Example** – *There are many exercises to strengthen core muscles.*
- **Recover** – To get back to normal again.
  - **Example** – *My recovered from a head injury.*
- **Improve** – To become or make something better.
  - **Example** – *She improved her handwriting.*

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96. **Answer: d**

**Explanation:**

The correct answer is "**upon**".

★ Key Points

- **Upon** is a preposition.
- It is used when mentioning an event that is followed immediately by another event.
- **Example** – *The dog sprang upon the table.*

★ Additional Information

- **Into** - Moving to inside or in something.
  - **Example** - *You can come into the house.*
- **With** - In the company of someone or carrying or having something.
  - **Example** - *I am living with my parents.*
- **Over** - Straight above something.
  - **Example** - *There's a glass over the table.*

---

97. Answer: b

**Explanation:**

The correct answer is "it" .

★ Key Points

- It refers to **inanimate objects and non-living beings** .
- Here it indicated the oasis which the **poor arab** saw and came to it.
- As this is a non living thing, "**it**" is the **perfect pronoun** for use here.
- Rest of the three options are not appropriate for the reference of **oasis** because these are for the living things.

The final sentence will be " He soon came (1) \_\_\_\_\_ an oasis and drank water from it".

---

98. Answer: c

**Explanation:**

The correct answer is "**continued**".

★ Key Points

- **Continued** - Go on without stopping, resumed after interruption.

- **For example** – *They continued fighting even after the police came.*

★ Additional Information

- **Promoted** – to encourage.
  - **For example** – *Citizens should encourage good relations between the countries.*
- **Maintained** – to make something continue at the same level.
  - **For example** – *Company should maintain the level of goods.*
- **Progressed** – to become better or to develop.
  - **For example** – *Technology has progressed in the last twenty years.*

---

99. Answer: d

**Explanation:**

The correct answer is "securing".

★ Key Points

- To **secure** something is to **ensure that it is shielded from a threat or danger**.
  - **Example:** *They installed a cctv camera to **secure** their house.*
- The poor arab secured **an audience** and gave him the **water bottle made of leather**.
- Therefore, "**securing**" is the perfect word to use in the given blank.

The correct sentence will be "**After securing an audience with the Caliph there**".

---

100. Answer: b

**Explanation:**

The correct answer is "presented".

★ Key Points

- "Presented" is the verb form of **give** or **make known** .
- Here **the arab** gave the **bottle** to the audience.
- As the bottle is given as a **gift** , the word "**presented**" is the correct form of verb.

The correct answer is "**he presented him with the bottle of water.**"

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