

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



BSPSC



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

SSC GD Constable 2021 (English) Prev. Year Paper (10-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

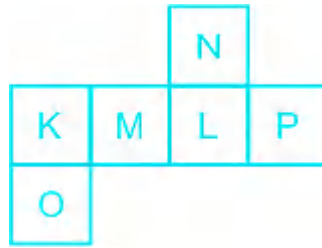
1. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. (+1, -0.25)

- 1. Real
 - 2. Rim
 - 3. Rise
 - 4. Rare
 - 5. Rose
- a. 1, 4, 2, 3, 5
 - b. 4, 1, 3, 2, 5
 - c. 4, 1, 2, 3, 5
 - d. 4, 1, 2, 5, 3

2. In a certain code language, TABLET is coded as 20-1-2-12-5-40. How will RHESUS be coded in that language? (+1, -0.25)

- a. 19-8-5-19-21-38
- b. 18-8-5-19-21-38
- c. 18-9-5-18-21-36
- d. 18-8-5-19-20-19

3. Which pair of letters will NOT be on the opposite faces when the given sheet is folded to form a cube? (+1, -0.25)



- a. L and O
- b. M and P
- c. K and L
- d. N and O

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

10	5	20
20	10	40
40	20	?

- a. 70
- b. 90
- c. 80
- d. 60

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

- a. DBZX
- b. CAYV
- c. TRPN
- d. NLJH

6. In a certain code language, 'BROKEN' is written as 'EUSOJS' and 'RASHES' is written as 'UDWLJX'. How will 'CONFER' be written in that language? (+1, -0.25)

- a. FRSJJV
- b. FSRKJW
- c. FRRJJW
- d. FQRIJX

Your Personal Exams Guide

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

487321

- a. 158784
- b. 487321
- c. 487321
- d. 158784

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

86, 90, 106, 170, ?

- a. 522
 - b. 380
 - c. 345
 - d. 426
-

9. Eight friends A, B, C, D, E, F, G and H are sitting anti-clockwise around a circular table in the same sequence facing the centre with an equal distance between them. G is sitting in the east. C and E interchange their places. Who is sitting in the southeast direction? (+1, -0.25)

- a. H
 - b. E
 - c. F
 - d. D
-

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

17 : 119 :: ? : 182 :: 23 : 161

- a. 24

- b. 22
- c. 20
- d. 26

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



12. Pointing to a photograph of a boy, Madhvi said, "His father is my sister's husband's daughter's maternal grandfather's son". How is the boy related (+1, -0.25)

to Madhvi's father?

- a. Brother
- b. Paternal grandson
- c. Maternal grandson
- d. Son

13. Select the figure that will replace question mark in the following series. (+1, -0.25)



14. 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:

All dancers are sportspersons.

All sportspersons are males.

Conclusions:

- I. All dancers are males.
 - II. Some sportspersons are dancers.
- a. Either conclusion I or II follows
 - b. Only conclusion I follows
 - c. Both the conclusions follow
 - d. Only conclusion II follows

Your Personal Exams Guide

15. In a certain code language, MIND is written as NJOE. How will NEFT be written in that language? (+1, -0.25)

- a. GUOF
- b. OFGU
- c. OFUG
- d. GUFO

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

AHEAD : ZFBWY :: VALOR : ?

- a. WCORV
- b. UZJLO
- c. VYJIM
- d. UYIKM

17. 'Denmark' is related to 'Copenhagen' in the same way as 'Egypt' is related to '_____'. (+1, -0.25)

- a. Cairo
- b. Jakarta
- c. Africa
- d. Peso

18. Six friends, A, B, C, D, E and F, are sitting in two lines, with three friends in each line. The friends are facing each other. C is facing F. F is sitting between B and E. A is facing B. Who is NOT sitting at one of the four corners? (+1, -0.25)

- a. D
- b. B
- c. A

d. C

19. Which two signs need to be interchanged to make the following equation correct? (+1, -0.25)

$$15 - 14 \div 21 \times 27 + 9 = 64$$

a. + and \div

b. \times and \div

c. \div and -

d. + and \times

20. When a number is added to its next number and another number that is 3 times its next number, the sum of these three numbers is 64. Find the number. (+1, -0.25)

a. 10

b. 11

c. 12

d. 13

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

24, 25, 33, 60, ?, 249

a. 148

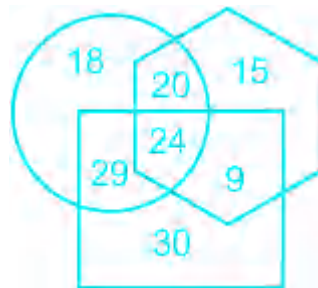
- b. 90
- c. 124
- d. 156

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

C _ P _ _ M _ K C M P _ C M _ K

- a. M K C P K P
- b. M K M P K P
- c. P K C P K P
- d. M K C M K C

23. In the following diagram, the hexagon stands for 'librarians', the square stands for 'tax-payers', and the circle stands for 'painters'. The numbers given in the different segments represent the number of persons of that category. (+1, -0.25)



How many librarians are NEITHER tax-payers NOR painters?

- a. 20
- b. 9

c. 18

d. 15

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



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

RAS, UFR, XKQ, APP, DUO, GZN, ?

a. OPS

b. JEM

c. KYM

d. KFN

General Knowledge and General Awareness

26. Which state is the pioneer of zero budget natural farming? (+1, -0.25)

- a. Karnataka
- b. Sikkim
- c. Bihar
- d. Andhra Pradesh

27. Which of the following books is written by Sudha Murthy? (+1, -0.25)

- a. Interpreter of Maladies
- b. Unaccustomed Earth
- c. The Namesake
- d. Mahashweta

28. Who among the following became the first Indian-origin NBA player in 2014? (+1, -0.25)

- a. Gursimran Bhullar
- b. Sat Prakash Yadav
- c. Vishesh Bhriguvanshi
- d. Akilan Pari

29. Which of the following is a Central level tax subsumed by the Goods and Services Tax (GST)? **(+1, -0.25)**
- a. Entertainment tax
 - b. Octroi
 - c. Excise duty
 - d. Purchase tax
-

30. Sikh Gurudwara Act was passed in _____ giving control to Shiromani Gurudwara Prabandhak Committee as the main body. **(+1, -0.25)**
- a. 1919
 - b. 1941
 - c. 1905
 - d. 1925
-

31. Which of the following vitamins helps hold cells together in the human body? **(+1, -0.25)**
- a. Vitamin E
 - b. Vitamin K
 - c. Vitamin A
 - d. Vitamin C
-

32. In which state did India's first seaplane service start in the month of October 2020? (+1, -0.25)
- a. Gujarat
 - b. Goa
 - c. Maharashtra
 - d. Kerala
-

33. Which of the following statements is correct? (+1, -0.25)
- a. A Judge of the Supreme Court submits his resignation to the President.
 - b. A Judge of the Supreme Court submits his resignation to the Prime Minister.
 - c. A Judge of the Supreme Court submits his resignation to the Vice-President.
 - d. A Judge of the Supreme Court submits his resignation to the Attorney-General.
-

34. Which Amendment Act of the Constitution of India requires a State to minimise inequalities in income, status, facilities and opportunities as a Directive Principle of State Policy? (+1, -0.25)
- a. 47th
 - b. 42nd
 - c. 44th

d. 52nd

35. 'Sangita Ratnakara' by Pandit Sarngadeva consists of _____ chapters. (+1, -0.25)

a. 11

b. 5

c. 9

d. 7

36. The first solar-powered textile mill in Asia will soon become functional in _____ (+1, -0.25)

a. Gujarat

b. Kerala

c. Maharashtra

d. Rajasthan

37. The Harappan site Rangpur is located in the present Indian state of _____ (+1, -0.25)

a. Haryana

b. Rajasthan

c. Gujarat

d. Himachal Pradesh

38. The two streams Chandra and Bhaga rise on the opposite sides of the Baralacha pass to form which of the following rivers? (+1, -0.25)

- a. Indus
 - b. Chenab
 - c. Jhelum
 - d. Ravi
-

39. Between 4th to 9th century, Kanchipuram served as the capital of which kingdom? (+1, -0.25)

- a. Pandya
 - b. Chera
 - c. Pallava
 - d. Chola
-

prepp
Your Personal Exams Guide

40. The National Jute Policy was formulated in _____, with the objective of increasing productivity, improving quality, ensuring good prices to the jute farmers and enhancing the yield per hectare. (+1, -0.25)

- a. 2005
 - b. 2007
 - c. 2003
 - d. 2009
-

41. Which of the following was declared as a UNESCO Biosphere Reserve in November 2020? (+1, -0.25)
- a. Panna Biosphere Reserve
 - b. Nilgiri Biosphere Reserve
 - c. Gulf of Mannar
 - d. Nanda Devi Biosphere Reserve
-

42. Where did the Jallianwala Bagh massacre take place in 1919? (+1, -0.25)
- a. Ambala
 - b. Amritsar
 - c. Lahore
 - d. Pathankot
-

43. Which of the following museums is located in Cuttack? (+1, -0.25)
- a. National Museum
 - b. Indian Museum
 - c. Salar Jung Museum
 - d. Netaji Birth Place Museum
-

44. In November 2020, Mercedes-Benz collaborated with _____ to offer financial benefits to potential HNI (High Net Worth Individual) customers. (+1, -0.25)

- a. SBI
 - b. HDFC
 - c. IndusInd
 - d. ICICI
-

45. Who among the following persons won a Silver Medal at the Paralympics held in Tokyo in 2021? (+1, -0.25)

- a. Yogesh Kathuniya
 - b. Sumit Antil
 - c. Avani Lekhara
 - d. Manish Narwal
-

46. What was the percentage of India's GDP recorded as budget deficit for the fiscal year 2019-2020? (+1, -0.25)

- a. 5.23%
 - b. 6.42%
 - c. 3.56%
 - d. 4.59%
-

47. Which of the following is a book by RK Narayan? (+1, -0.25)

- a. Angry River

- b. Swami and Friends
 - c. Roads to Mussoorie
 - d. The Blue Umbrella
-

48. Who among the following is credited with patenting the FM radio? (+1, -0.25)

- a. Nicola Tesla
 - b. Carl Benz
 - c. Edwin H Armstrong
 - d. John Baird
-

49. The term 'Albatross' is used in which of the following sport? (+1, -0.25)

- a. Golf
 - b. Polo
 - c. Fencing
 - d. Rugby
-

50. *Musa paradisiaca* is commonly known as _____ . (+1, -0.25)

- a. apple
- b. watermelon
- c. guava

d. banana

prepp

Your Personal Exams Guide

Elementary Mathematics

51. Find the average of p and q if the average of 22, 15, 28, p and q is 16. (+1, -0.25)
- a. 15
 - b. 7.5
 - c. 6
 - d. 12
-
52. 45% of the total candidates who appeared for an examination were girls. 75% of the boys and 80% of the girls passed, and 144 girls failed. How many boys failed? (+1, -0.25)
- a. 180
 - b. 220
 - c. 210
 - d. 240
-
53. If a certain sum of money on simple interest amounts to ₹1,980 and ₹2,070 in 2 years and 3 years, respectively, then what is the sum (in ₹)? (+1, -0.25)
- a. 1,850
 - b. 1,840
 - c. 1,750
 - d. 1,800

54. A shopkeeper sells an item at ₹68 and incurs a loss of 15%. At what price should he sell it to gain 20%? (+1, -0.25)

- a. ₹92
- b. ₹95
- c. ₹96
- d. ₹90

55. The sides of a triangle are in the ratio 4 : 9 : 7. If the sum of the shortest and the longest sides is 65 cm, then what is the length of the third side? (in cm) (+1, -0.25)

- a. 35 cm
- b. 30 cm
- c. 55 cm
- d. 33.5 cm

56. The cost of levelling a circular field at ₹5 per m² is ₹19,250. What is the cost (in ₹) of putting of fence around it at ₹24 per m? (Take $\pi = \frac{22}{7}$) (+1, -0.25)

- a. 4,752
- b. 5,500
- c. 5,280
- d. 4,224

57. What is the greatest 5-digit number which on being divided by 3, 5, 6 and 9 leaves remainders 1, 3, 4 and 7, respectively? (+1, -0.25)

- a. 99999
- b. 99990
- c. 99988
- d. 99992

58. The distance between a man and a 230m long train is 115 m. How much time (in seconds) will the train, which is running at a speed of 60 km/h, take to pass the man who is running at a speed of 9 km/h towards the train? (+1, -0.25)

- a. 24
- b. 12
- c. 20
- d. 18

59. What is the altitude of a trapezium, the sum of the lengths of whose parallel sides is 9.5 cm and the area is 57 cm²? (+1, -0.25)

- a. 5.8 cm
- b. 12 cm
- c. 7.5 cm
- d. 6 cm

60. Simplify the following expression.

(+1, -0.25)

$$9 - 2 \times 2 \div 6 \text{ of } 3 + 3$$

a. 10

b. 1

c. $\frac{7}{18}$

d. $11\frac{7}{9}$

61. A sum of ₹2,50,000 is invested for one and a half years at 12% per annum compound interest. What is the difference between the amounts received when the interest is compounded semi-annually and when it is compounded annually?

(+1, -0.25)

a. ₹900

b. ₹970

c. ₹954

d. ₹950

62. A sum of ₹3,596 is divided between A, B, and C in the ratio $\frac{1}{6} : \frac{1}{8} : \frac{1}{9}$. What is the difference (in ₹) between the shares of A and C?

(+1, -0.25)

a. 434

b. 620

c. 496

d. 372

63. If 240 m long train crosses a 250 m long platform in 28 seconds, then what is the speed of the train (in km/h)? (+1, -0.25)

a. 60

b. 63.6

c. 60.5

d. 63

64. A alone can complete a piece of work in 18 days and B alone can complete the same work in 24 days. A and B undertook the work for ₹22,500. They took the help of C and completed the work in 8 days. How much is to be paid to A? (+1, -0.25)

a. ₹5,192

b. ₹10,000

c. ₹9,000

d. ₹7,500

65. The smallest number which when divided by 8 and 14 leaves remainders 5 and 11, respectively, is: (+1, -0.25)

a. 77

b. 53

c. 47

d. 45

66. A shopkeeper allows successive discounts of 20% and 10% on every item. **(+1, -0.25)**
At what price is an article marked for ₹500 available to customers?

a. ₹320

b. ₹360

c. ₹470

d. ₹350

67. A salesman sold a watch at a loss of 15%. If the selling price had been increased by ₹150, there would have been a gain of 5%. What was the cost price of the watch? **(+1, -0.25)**

a. ₹750

b. ₹830

c. ₹625

d. ₹915

68. If 25 men can complete a work in 36 hours, then in how many hours will 12 men complete the same work? **(+1, -0.25)**

a. 49

b. 75

c. 50

d. 65

69. Simplify the following expression.

(+1, -0.25)

$$1800 \div 10 \times [45 \div (17 - 2)] \text{ of } 2 + [-2(1 + 2)]$$

a. -2160

b. $33\frac{1}{3}$

c. 0

d. 1074

70. A trader marks his goods in such a way that he can earn a profit of 19% after giving 15% discount on its marked price. However, a customer availed 18% discount instead of 15%. What is the new profit percentage of the trader?

(+1, -0.25)

a. 13.8%

b. 14.8%

c. 14.5%

d. 12.5%

71. Divide ₹18,400 among 6 men, 13 women and 6 boys such that the ratio of the shares of a man, a women and a boy is 5 : 4 : 3. How much money will each boy receive?

(+1, -0.25)

a. ₹552

b. ₹1,150

c. ₹525

d. ₹750

72. The average score of a group of students in a test is 58. The average score of the brightest 15% of the students is 85 and that of the poorest 20% of the students is 28. What is the average score of the remaining students? (+1, -0.25)

a. 72

b. 61

c. 43

d. 35

73. A certain sum amounts to ₹10,164 in 4 years and to ₹12,320 in $7\frac{1}{2}$ years at the same rate of interest per annum at simple interest. The sum and the rate of interest are, respectively: (+1, -0.25)

a. ₹7,800 and 8.5%

b. ₹8,000 and 7%

c. ₹7,700 and 8%

d. ₹7,500 and 9%

74. A man sold an article for ₹2,320 and made a profit of 16% in the process. What would have been his profit or loss per cent, had he sold it for ₹2,100? (+1, -0.25)

a. Profit, 6

- b. Profit, 5
- c. Loss, 6
- d. Loss, 5

75. If 16% of $x = 24%$ of y , then how much is 24% of x ?

(+1, -0.25)

- a. 150% of y
- b. 48% of y
- c. 40% of y
- d. 36% of y

prepp

Your Personal Exams Guide

English

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

He walked so fastly / that I could not / keep pace with him.

- a. No error
- b. that I could not
- c. keep pace with him
- d. He walked so fastly

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

Innocent

- a. Harmless
- b. Simple
- c. Cunning
- d. Honest

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

Cautious

- a. Watchful
- b. Alert

- c. Reckless
 - d. Vigilant
-

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

A list of books available in a library

- a. Catalogue
 - b. Bibliography
 - c. Register
 - d. Document
-

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

I decided to / sang a song / in the interschool / song competition.

- a. sang a song
 - b. song competition
 - c. I decided to
 - d. in the interschool
-

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

Run after in order to catch or catch up with

- a. Chase
 - b. Sprint
 - c. Race
 - d. Rush
-

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

The car stopped _____ when the brakes were applied.

- a. boldly
 - b. immediately
 - c. obediently
 - d. faithfully
-

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

But for his _____, they would have attacked each other.

- a. oscillation
 - b. exaggeration
 - c. intermission
 - d. intervention
-

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

Adversary

- a. Uniform
 - b. Companion
 - c. Opponent
 - d. Prudent
-

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

We can _____ ourselves from the rain by wearing a raincoat.

- a. care
 - b. protect
 - c. defend
 - d. neglect
-

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

Go through the roof

- a. Rise very high
 - b. Be very happy
 - c. Find a secret route
 - d. Fall down flat
-

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

- a. Render

- b. Gnaw
 - c. People
 - d. Together
-

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

They have been living here during ten years.

- a. by
 - b. since
 - c. No substitution required
 - d. for
-

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

Think on your feet

- a. Stand up to be able to solve a problem
 - b. Be interested in trekking and running a race
 - c. Adjust quickly to changes and make fast decisions
 - d. Be ready to take up all the challenges that you face
-

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

- a. joyous

- b. zealous
 - c. furious
 - d. nervous
-

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

Had you not / been playing / with a ball / for morning?

- a. Had you not
 - b. for morning
 - c. been playing
 - d. with a ball
-

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

Everybody were going to see the circus.

- a. has
 - b. are
 - c. No substitution required
 - d. was
-

93. 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)

An educated lady makes a better mother than an uneducated lady, isn't it?

- a. hasn't she
- b. does she
- c. No substitution required
- d. doesn't she

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

Baffle

- a. Simplify
- b. Confuse
- c. Clarify
- d. Distinguish

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

A small ornament which hangs down especially from a necklace

- a. Diamond
- b. Earring

- c. Ring
- d. Pendant

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)

King Priam of Troy was old and weak, but his son Hector was a (1) _____ and noble young man. Hector had sensed (2) _____ when his brother had brought Helen to Troy. He (3) _____ that he must fight for his family but (4) _____ the circumstances that had set hero against hero. The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.

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

- a. timid
- b. feeble
- c. valiant
- d. meek

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)

King Priam of Troy was old and weak, but his son Hector was a (1) _____ and noble young man. Hector had sensed (2) _____ when his brother had brought Helen to Troy. He (3) _____ that he must fight for his family but (4) _____ the circumstances that had set hero against hero. The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.

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

- a. limit
- b. danger
- c. climax
- d. warning

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)

King Priam of Troy was old and weak, but his son Hector was a (1) _____ and noble young man. Hector had sensed (2) _____ when his brother had brought Helen to Troy. He (3) _____ that he must fight for his family but (4) _____ the circumstances that had set hero against hero. The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.

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

- a. was knowing
- b. know
- c. knew
- d. knows

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)

King Priam of Troy was old and weak, but his son Hector was a (1) _____ and noble young man. Hector had sensed (2) _____ when his brother had brought Helen to Troy. He (3) _____ that he must fight for his family but (4) _____ the circumstances that had set hero against hero. The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.

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

- a. rued
- b. pined
- c. cried
- d. wept

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)

King Priam of Troy was old and weak, but his son Hector was a (1) _____ and noble young man. Hector had sensed (2) _____ when his brother had brought Helen to Troy. He (3) _____ that he must fight for his family but (4) _____ the circumstances that had set hero against hero. The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.

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

- a. highest
- b. absolute
- c. maximum
- d. principal

Answers

1. Answer: c

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. Ra re

1. Re al

2. Rim

3. Ris e

5. Ro se

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

2. Answer: b

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:

- | | | | | | |
|----|----|----|----|----|----|
| T | A | B | L | E | T |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 20 | 1 | 2 | 12 | 5 | 20 |
| x1 | x1 | x1 | x1 | x1 | x2 |
| 20 | 1 | 2 | 12 | 5 | 40 |

Similarly,

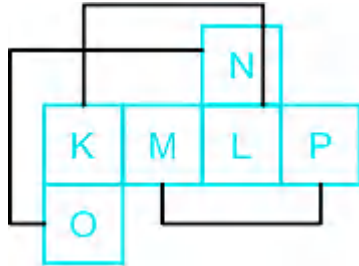
- | | | | | | |
|----|----|----|----|----|----|
| R | H | E | S | U | S |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 18 | 8 | 5 | 19 | 21 | 19 |
| x1 | x1 | x1 | x1 | x1 | x2 |
| 18 | 8 | 5 | 19 | 21 | 38 |

Hence, '18-8-5-19-21-38' is the correct answer.

3. Answer: a

Explanation:

Faces opposite to each other is shown below:



1. L and O → Not the opposite faces
2. M and P → Opposite faces
3. K and L → Opposite faces
4. N and O → Opposite faces

Hence, 'L and O' is the correct answer.

4. Answer: c

Explanation:

The logic followed here is:

- Row 1: $(20 - 10) \div 2 = 10 \div 2 = 5$
- Row 2: $(40 - 20) \div 2 = 20 \div 2 = 10$

Similarly,

- Row 3: $(? - 40) \div 2 = 20$
 - $\Rightarrow (? - 40) = 20 \times 2$
 - $\Rightarrow ? = 40 + 40$
 - $\Rightarrow ? = 80$

Hence, '80' is the correct answer.

5. Answer: b

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. $DBZX \rightarrow D - 2 = B; B - 2 = Z; Z - 2 = X$
2. $CAYV \rightarrow C - 2 = A; A - 2 = Y; Y - 3 = V$
3. $TRPN \rightarrow T - 2 = R; R - 2 = P; P - 2 = N$
4. $NLJH \rightarrow N - 2 = L; L - 2 = J; J - 2 = H$

Hence, 'CAYV' is the odd one out.

6. Answer: c

Explanation:

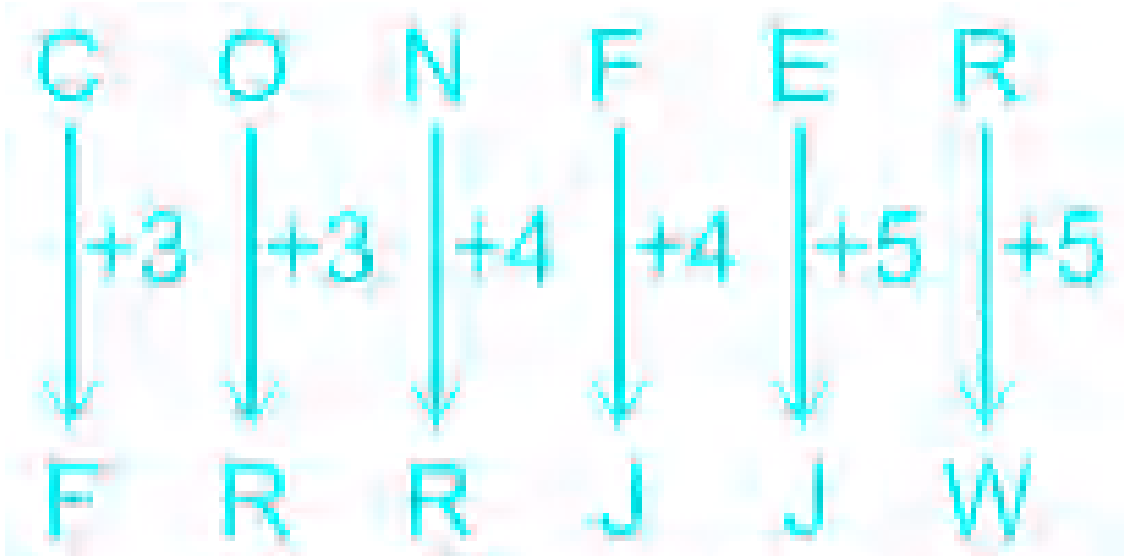
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is:

- | | | | | | |
|----|----|----|----|----|----|
| B | R | O | K | E | N |
| | | | | | |
| +3 | +3 | +4 | +4 | +5 | +5 |
| | | | | | |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| E | U | S | O | J | S |
- | | | | | | |
|----|----|----|----|----|----|
| R | A | S | H | E | S |
| | | | | | |
| +3 | +3 | +4 | +4 | +5 | +5 |
| | | | | | |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| U | D | W | L | J | X |

Your Personal Exams Guide

Similarly,



Hence, 'FRRJJW' is the correct answer.

7. Answer: b

Explanation:

The mirror image of the given combination when the mirror is placed at the right side is as shown below :



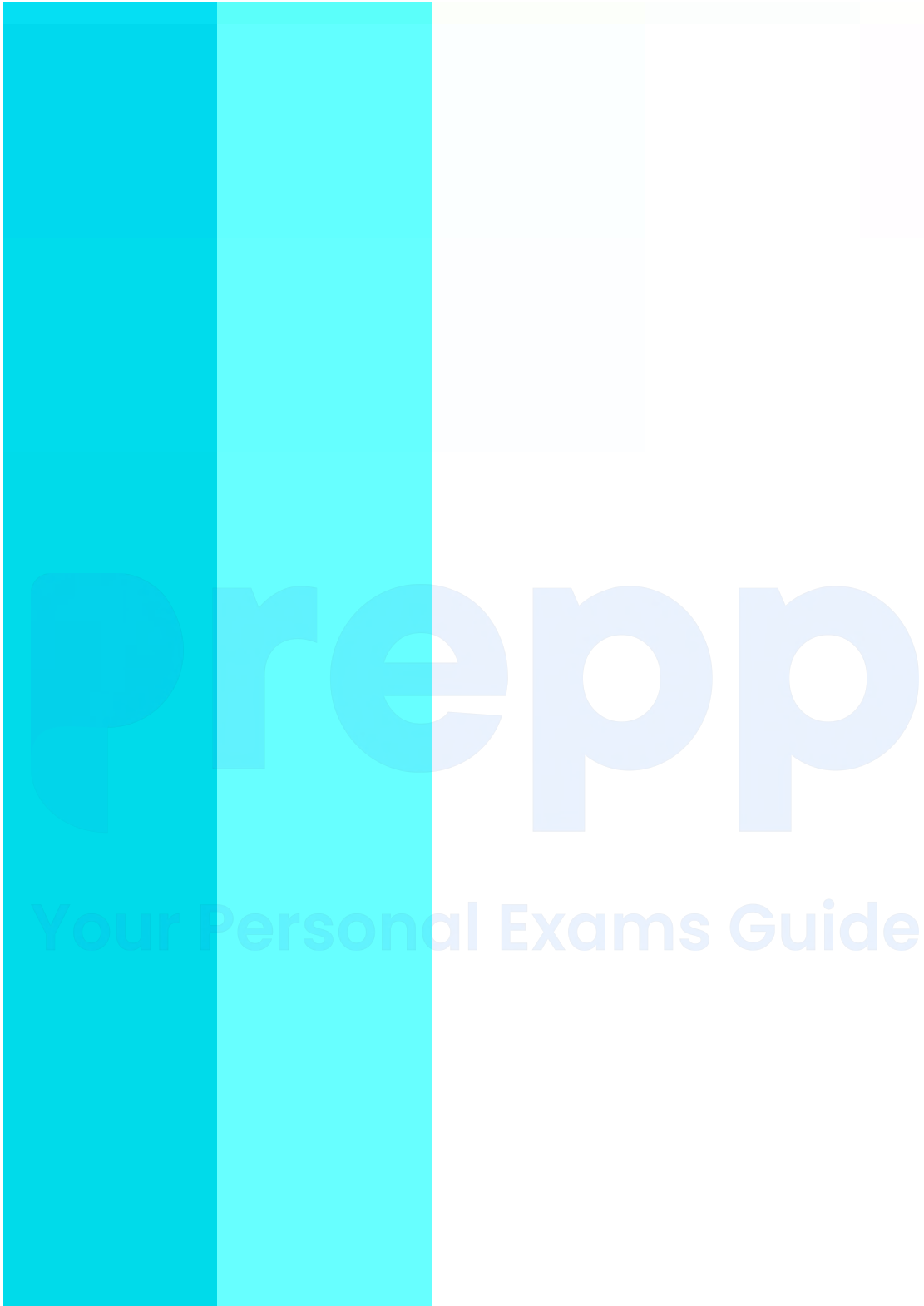
- The line PQ is the mirror.
- The given numbers "487321" has first and last number "4" and "1", so the mirror image should be "



"and "

prepp

Your Personal Exams Guide



" ⇒ Option 1 is eliminated.

- The given numbers "487321 " is written in reverse order ⇒ Option 3 is eliminated.
- The given numbers "487321 " has third number "7" so the mirror image should be "



prepp

Your Personal Exams Guide

" ⇒ Option 4 is eliminated.

Hence, ' option 2 ' is the correct answer.

8. Answer: d

Explanation:

The logic followed here is:

$$86 + 2^2 = 86 + 4 = 90$$

$$90 + 4^2 = 90 + 16 = 106$$

$$106 + 8^2 = 106 + 64 = 170$$

$$170 + 16^2 = 170 + 256 = 426$$

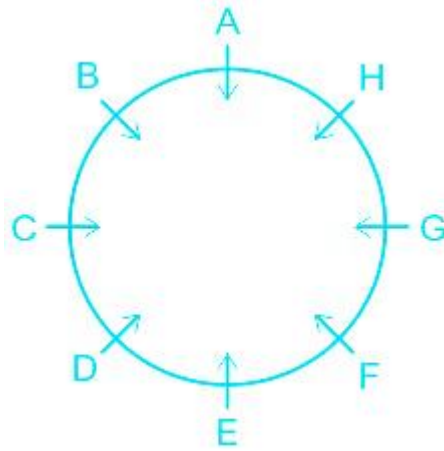
Hence, ' 426 ' is the correct answer.

9. Answer: c

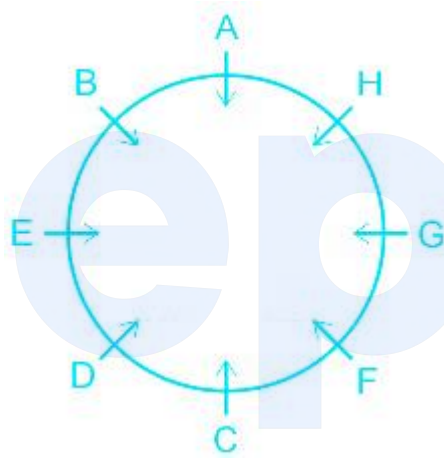
Explanation:

Eight friends **A, B, C, D, E, F, G and H** are sitting anti-clockwise around a circular table in the same sequence facing the centre with an equal distance between them.

G is sitting in the east.



C and E interchange their places.



Clearly, F is sitting in the southeast direction.

Hence, 'F' is the correct answer.

10. **Answer: d**

Explanation:

The logic followed here is:

Logic: First number $\times 7 =$ Second number

- $17 : 119 \rightarrow 17 \times 7 = 119$
- $23 : 161 \rightarrow 23 \times 7 = 161$

Similarly,

- $? : 182 \rightarrow ? \times 7 = 182$
 - $? = 182 \div 7$
 - $? = 26$

Hence, '26' is the correct answer.

11. Answer: d

Explanation:

The paper when unfolded will appear as shown below:



Hence, 'option 4' is the correct answer.

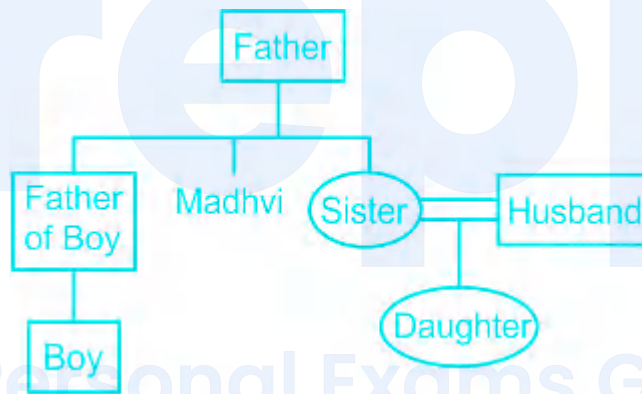
12. Answer: b

Your Personal Exams Guide

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, the boy is Paternal grandson of Madhvi's father.

Hence, ' **Paternal grandson** ' is the correct answer.

13. Answer: c

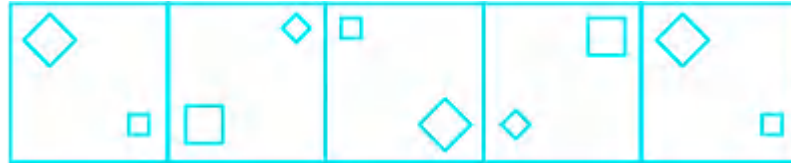
Explanation:

The pattern followed here is:

- 1) Both the images kite and square are changing their position by moving in clockwise direction.

2) In first figure, the image of kite is big and in next figure the image of kite is small. So, the image of kite is big at odd positions and small at even positions.

Similarly, if we observe, we find that the image of square is small at odd positions and big at even positions.



Hence, ' option 3 ' is the correct answer.

14. Answer: c

Explanation:

The least possible Venn diagram is:



Conclusions:

I. All dancers are males. → **Follow** (As, All dancers are sportspersons and All sportspersons are males)

II. Some sportspersons are dancers. → **Follow** (As, All dancers are sportspersons)

Hence, **Both the conclusions follow** .

15. Answer: b

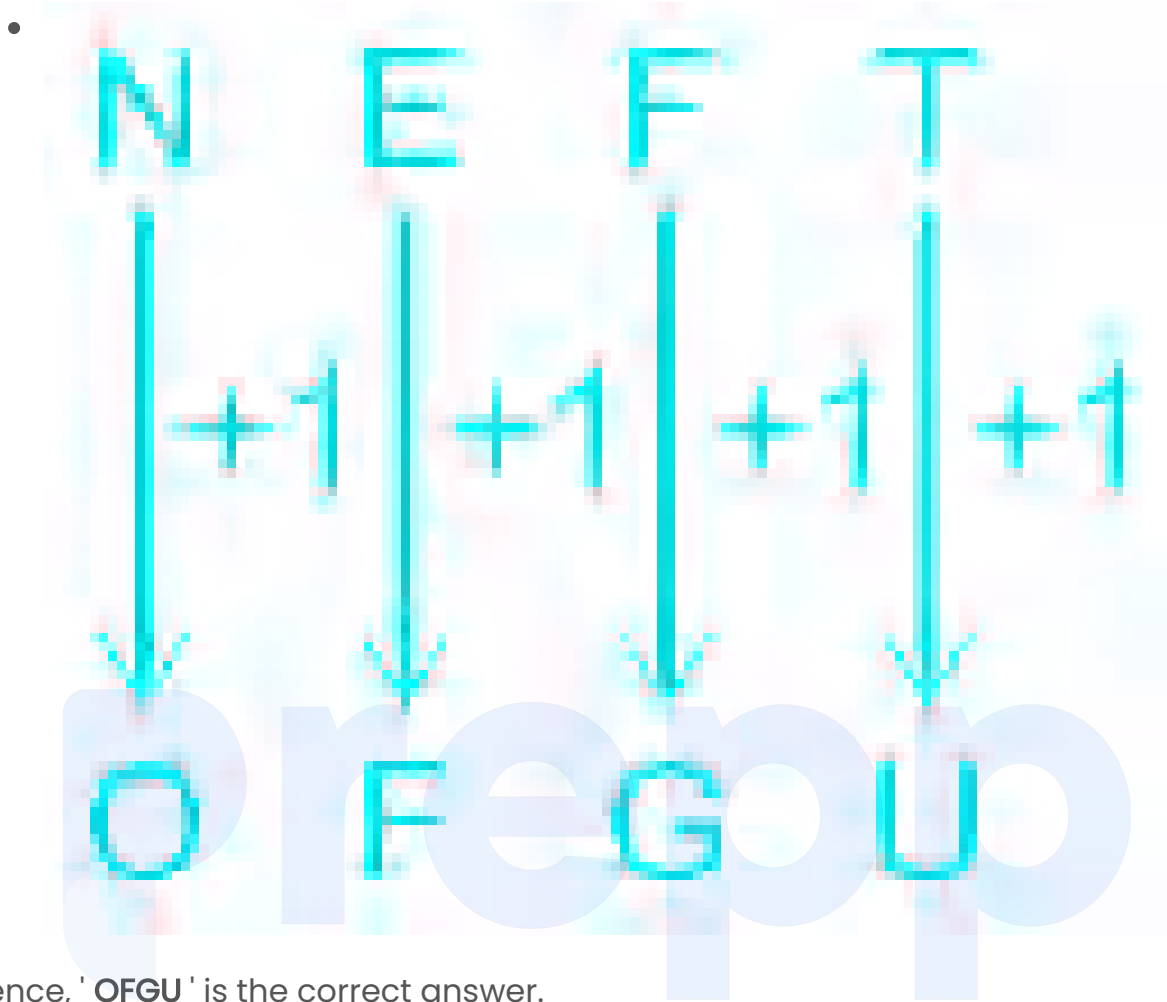
Explanation:

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, ' OFGU ' is the correct answer.

Your Personal Exams Guide

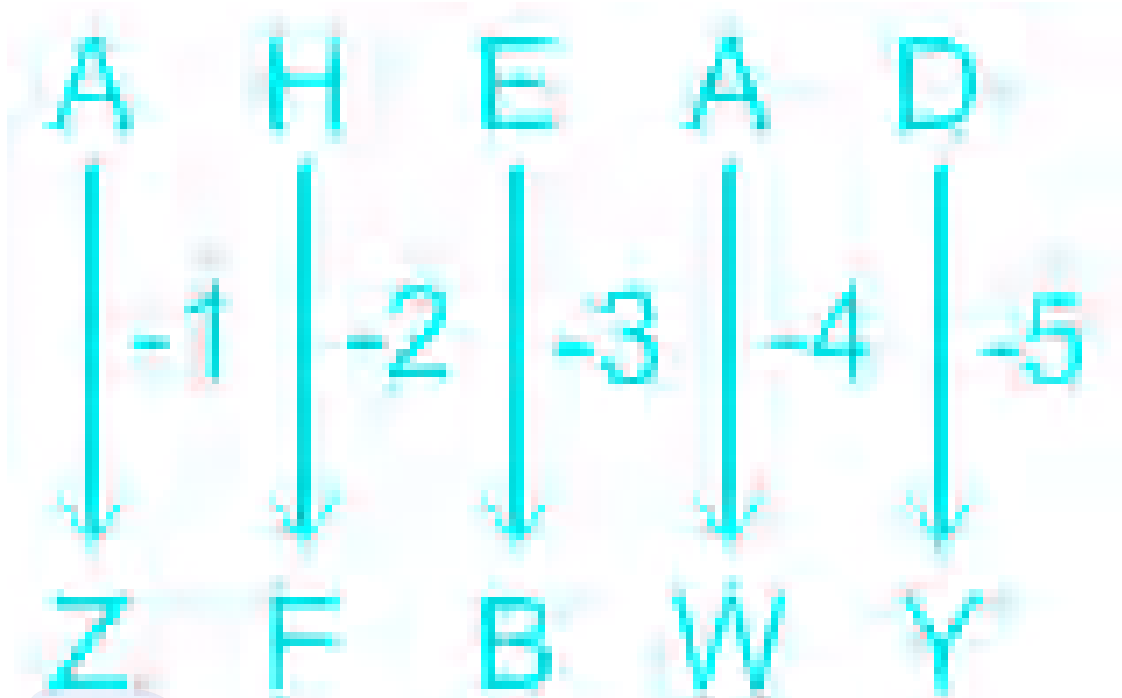
16. Answer: d

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

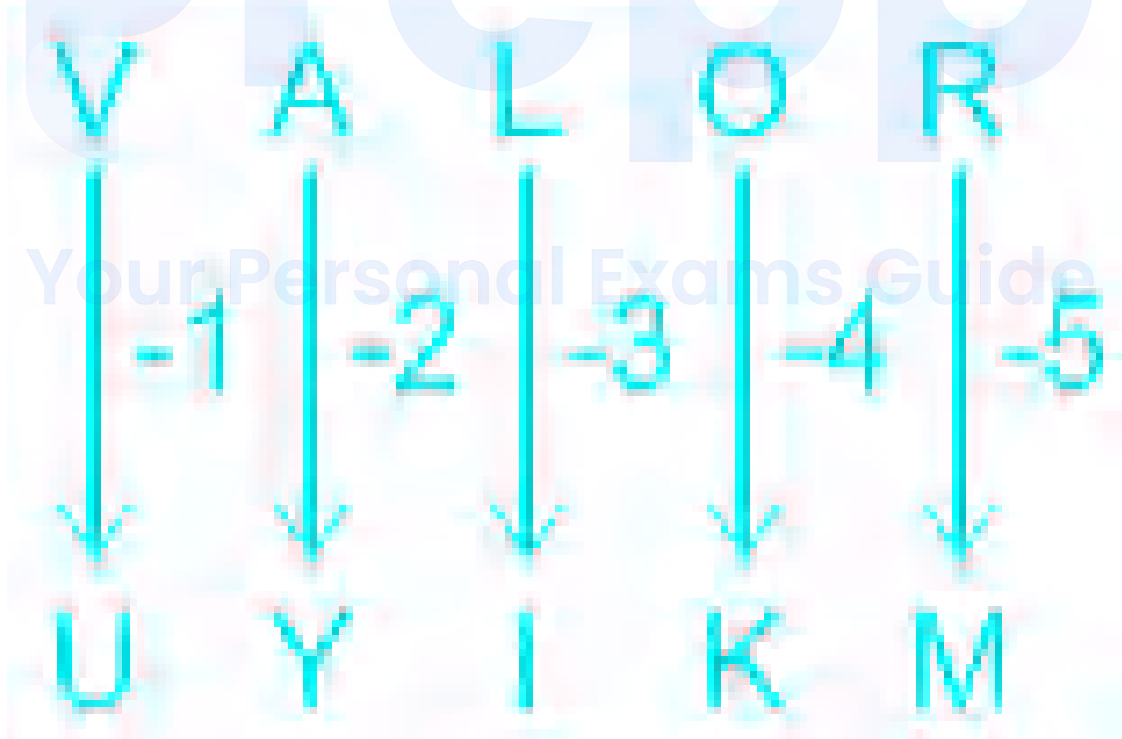
The logic followed here is:

-



Similarly,

-



Hence, 'UYIKM' is the correct answer.

17. Answer: a

Explanation:

The logic followed here is:

- 'Denmark' is related to 'Copenhagen' → Copenhagen is the capital of Denmark.

Similarly,

- 'Egypt' is related to '_____ ' → Cairo is the capital of Egypt.

Hence, ' **Cairo** ' is the correct answer.

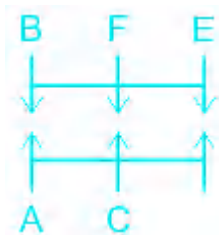
18. Answer: d

Explanation:

Six friends, **A, B, C, D, E and F** , are sitting in two lines, with three friends in each line.

The friends are facing each other.

1. F is sitting between B and E.
2. C is facing F.
3. A is facing B.



As D is left, it will occupy the vacant position.



Clearly, F and C is not sitting at one of the four corners.

Hence, 'C' is the correct answer.

19. Answer: a

Explanation:

Given equation: $15 - 14 \div 21 \times 27 + 9 = 64$

After interchanging the signs, we get:

1. + and \div

$$15 - 14 + 21 \times \underline{27 \div 9} = 64$$

$$\Rightarrow 15 - 14 + \underline{21 \times 3} = 64$$

$$\Rightarrow \underline{15} - 14 + \underline{63} = 64$$

$$\Rightarrow \underline{78} - 14 = 64$$

$$\Rightarrow 64 = 64$$

2. \times and \div

$$15 - 14 \times \underline{21 \div 27} + 9 = 64$$

$$\Rightarrow 15 - \underline{14 \times 0.7} + 9 = 64$$

$$\Rightarrow \underline{15} - 9.8 + \underline{9} = 64$$

$$\Rightarrow \underline{24} - 9.8 = 64$$

$$\Rightarrow 14.2 \neq 64$$

3. \div and $-$

$$\underline{15 \div 14} - 21 \times 27 + 9 = 64$$

$$\Rightarrow 1.07 - \underline{21 \times 27} + 9 = 64$$

$$\Rightarrow \underline{1.07} - 567 + \underline{9} = 64$$

$$\Rightarrow \underline{10.07} - \underline{567} = 64$$

$$\Rightarrow -556.93 \neq 64$$

4. $+$ and \times

$$15 - \underline{14 \div 21} + 27 \times 9 = 64$$

$$\Rightarrow 15 - 0.67 + \underline{27 \times 9} = 64$$

$$\Rightarrow \underline{15} - 0.67 + \underline{243} = 64$$

$$\Rightarrow \underline{258} - \underline{0.67} = 64$$

$$\Rightarrow 257.33 \neq 64$$

Hence, ' $+$ and \div ' is the correct answer.

Your Personal Exams Guide

20. Answer: c

Explanation:

Let the number be a .

According to question:

$$a + (a + 1) + 3(a + 1) = 64$$

$$\Rightarrow a + a + 1 + 3a + 3 = 64$$

$$\Rightarrow 5a + 4 = 64$$

$$\Rightarrow 5a = 64 - 4$$

$$\Rightarrow 5a = 60$$

$$\Rightarrow a = 60 \div 5$$

$$\Rightarrow a = 12$$

Hence, '12' is the correct answer.

21. Answer: c

Explanation:

The logic followed here is:

$$24 + 1^3 = 24 + 1 = 25$$

$$25 + 2^3 = 25 + 8 = 33$$

$$33 + 3^3 = 33 + 27 = 60$$

$$60 + 4^3 = 60 + 64 = 124$$

$$124 + 5^3 = 124 + 125 = 249$$

Hence, '124' is the correct answer.

22. Answer: a

Explanation:

Given sequence: C _ P _ _ M _ K C M P _ C M _ K

1. M K C P K P → C M P K - C M P K - C M P K - C M P K

2. MKMPKP → CMPK - M MPK - CMPK - CMPK
3. PKCPKP → CPPK - C MPK - CMPK - CMPK
4. MKCMKC → CMPK - C MMK - CMPK - CMCK

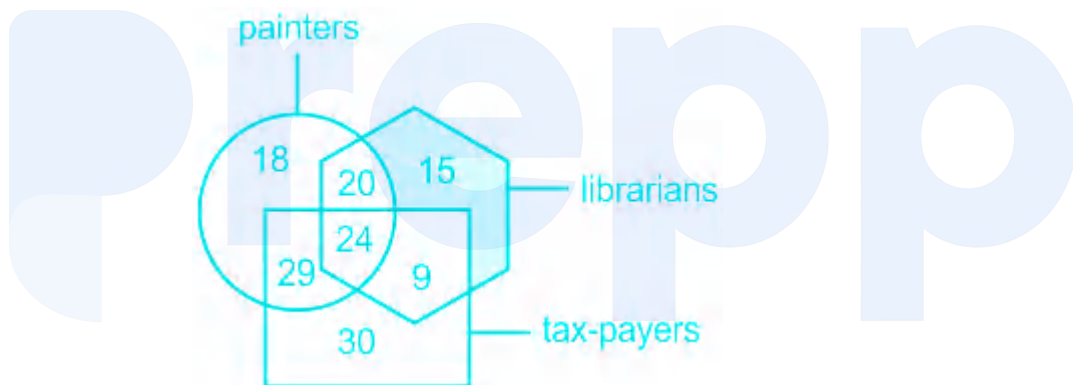
- In option 1, CMPK is repeated.

Hence, 'MKCPKP' is the correct answer.

23. Answer: d

Explanation:

Librarians that are NEITHER tax-payers NOR painters is shown below:



Hence, '15' is the correct answer.

24. Answer: d

Explanation:

The image embedded in given figure is as shown below:

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

Hence, ' option 4 ' is the correct answer.

25. Answer: b

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:

$$\begin{aligned}
 &R \xrightarrow{+3} U \xrightarrow{+3} X \xrightarrow{+3} A \xrightarrow{+3} D \xrightarrow{+3} G \xrightarrow{+3} J \\
 &A \xrightarrow{+5} F \xrightarrow{+5} K \xrightarrow{+5} P \xrightarrow{+5} U \xrightarrow{+5} Z \xrightarrow{+5} E \\
 &S \xrightarrow{-1} R \xrightarrow{-1} Q \xrightarrow{-1} P \xrightarrow{-1} O \xrightarrow{-1} N \xrightarrow{-1} M
 \end{aligned}$$

Hence, 'JEM' is the correct answer.

26. Answer: a

Explanation:

The correct answer is Karnataka.

★ Key Points

- Zero-budget natural farming method of **chemical-free agriculture** drawing from traditional Indian practices.
- The method was originally promoted by agriculturist **Subhash Palekar**.
- It is an **alternative to the Green Revolution's methods** which promote chemical fertilizers and pesticides.
- It promotes the traditional method of farming.
- It is based on **four pillars** which are **Jeevamrutha, Bijamrita, Acchadana (Mulching) and Whapasa**.
- **Karnataka** is the pioneer state for zero-budget natural farming.

★ Additional Information

State	Chief Minister
Karnataka	Basavaraj Bommai
Sikkim	Prem Singh Tamang
Bihar	Nitish Kumar
Andhra Pradesh	YS Jagan Mohan Reddy

As of September 2022

27. Answer: d

Explanation:

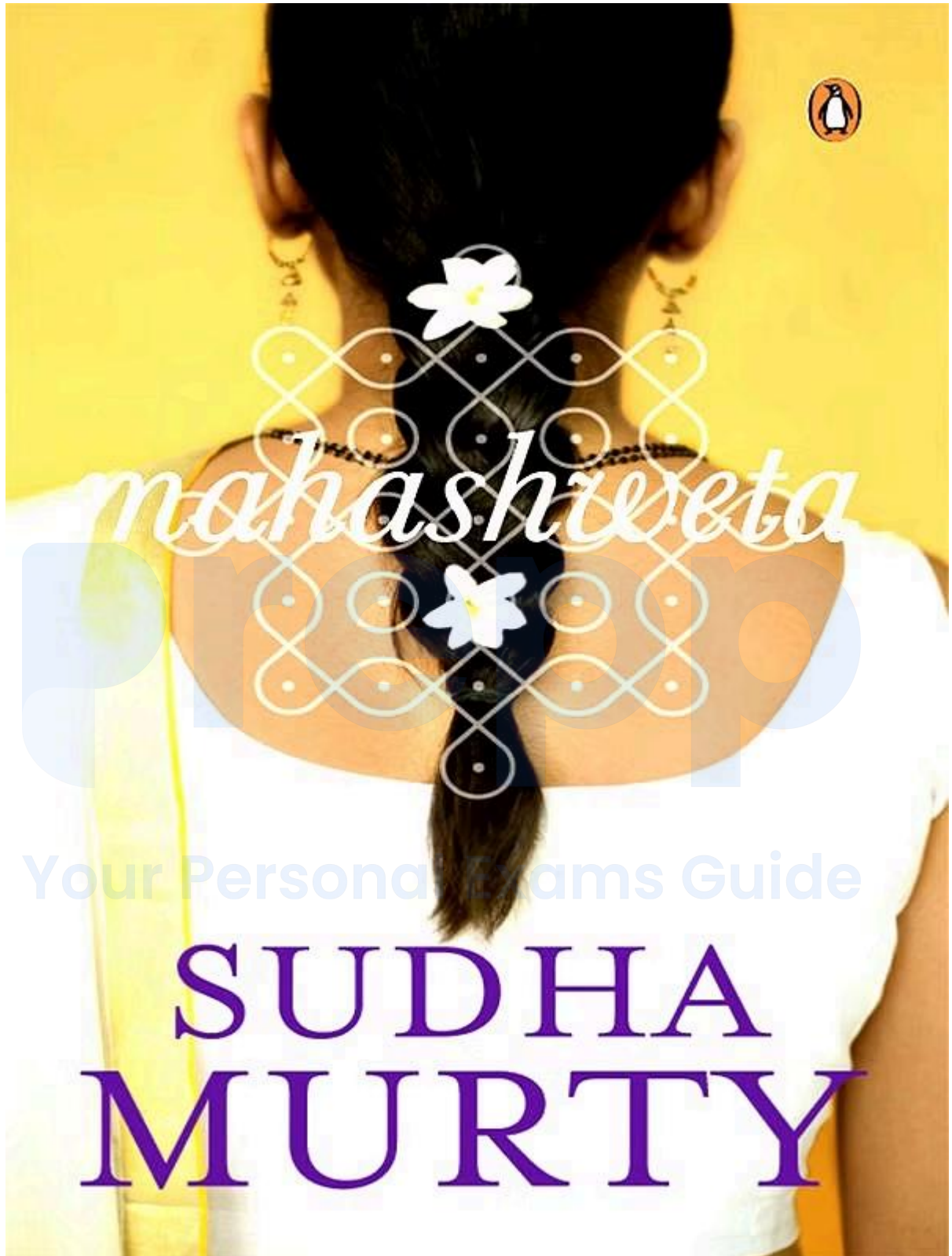
The correct answer is Mahashweta.

★ Key Points

- Mahashweta is a **Kannada novel** by Indian Sudha Murthy.
- Mahashweta is an **inspiring story** that deals with **socio-stigma, prejudice, and orthodox culture in our society** .
- Sudha Murthy is an engineer who writes in Kannada, Marathi, and English and is also a **social worker**.
- She is the chairperson of Infosys Foundation and is **married to N Narayana Murthy, co-founder of Infosys** .
- She has been awarded several awards and has won Padma Shri as well.

★ Additional Information

- **Jhumpa Lahiri** an American author of Indian origin wrote the book "**The Interpreter Of Maladies**" in 1999 .
- **Unaccustomed Earth** is a collection of short stories from American author Jhumpa Lahiri.



28. Answer: a

Explanation:

The correct answer is Gursimran Bhullar.

★ Key Points

- Gursimran Bhullar becomes the **first player of Indian origin** to be a part of the **National Basketball Association (NBA)** .
- He was signed by **Sacramento Kings** , a professional basketball team in the USA.
- He also became the first Indian player to score in an NBA game.
- He plays centre and stands at **7 feet 5 inches** tall.

★ Additional Information

About NBA

- NBA stands for **National Basketball Association** .
- It was founded in **New York City on June 6, 1946** .
- The league is composed of **30 teams** .

★ Important Points

- **Vishesh Bhriguvanshi and Akilan Pari** are Indian professional basketball players.
- **Sat Prakash Yadav** is presently (As of September 2022) the head coach of the Indian national basketball team.

29. Answer: c

Explanation:

The correct answer is Excise duty.

★ Key Points

- Excise duty is a tax imposed on goods for their production, licensing, and sale, Excise duty is an indirect tax.
- Central excise duty is a tax that is charged on such excisable goods that are manufactured in India and are meant for domestic consumption.
- It is mandatory to pay Central Excise duty payable on the goods manufactured unless exempted.
- Excise duty is the opposite of Customs duty.
- The Goods and Services Tax (GST) subsumed many types of excise duty.
- The union excise duties form the most significant part of the central taxes.

★ Additional Information

- **Goods and Service Tax (GST)**.
 - GST is an **indirect tax** used in India on the supply of goods and services.
 - It is a value-added tax levied on most goods and services sold for domestic consumption.
 - GST was passed as the **101st Amendment Act of 2016**.
 - GST was launched in India on **1 July 2017** as a comprehensive indirect tax for the entire country.
 - The four basic rate structures of GST are **5%, 12%, 18% and 28%**.
 - The **GST Council** headed by the **Union Finance Minister** is the governing and key decision-making body for GST.
 - India has chosen the **Canadian model of dual GST**.
 - The **first country** to introduce GST: was **France in 1954**.

30. Answer: d

Explanation:

the correct answer is 1925.

★ Key Points

- Sikh Gurudwara Act was passed in 1925 giving control to Shiromani Gurudwara Prabandhak Committee as the main body.

- **Gurdwara Reform Movement** was launched as agitation for freeing the Gurudwaras from the corrupt Udasi Sikh mahants .
- The Movement is also known as the **Akali movement** .
- Under growing pressure, the Gurudwaras came under the control of an elected committee known as the **Shiromani Gurdwara Prablandhalk Committee, in November 1920** .
- The act was formulated with the help of the **British governor, Sir Malcolm Hailey** .
- During this period **Lord Chelmsford and Lord Reading** were the Viceroy of India .

★ Additional Information

Important Sikh Reform Movements

- The Nirankari Movement- Founded in the **1840s** by **Baba Dayal Das** .
- The Namdhari Movement- Founded by **Baba Ram Singh** in **1857** .
- The Singh Sabha- Founded by **Thakur Singh Sandhwalia and Giani Gian Singh** on **October 1, 1873** .

31. Answer: d

Explanation:

The correct answer is Vitamin C.

★ Key Points

- Vitamin is an important component which helps in protecting our body against diseases
- Vitamin C helps the body to fight against many diseases
- It helps in holding cells together in the human body.
- It is also known as **ascorbic acid** , is a vitamin found in **fruits like oranges, grapes, lemon, etc. and used as a dietary supplement** .
- It is a **water-soluble vitamin** that can be found in a variety of foods and is also used as a dietary supplement.

- It gets easily **destroyed by heat during cooking** .
- Vitamin C **deficiency causes scurvy** .

★ Additional Information

Vitamin	Deficiency	Symptoms
Vitamin A	Loss of Vision	Poor vision, loss of vision at night
Vitamin B	Beriberi	Weak muscles and very little energy to work.
Vitamin C	Scurvy	Nausea, abdominal cramps, diarrhoea, possible formation of kidney stones
Vitamin D	Rickets	Abnormally high blood calcium (hypercalcemia), retarded growth, vomiting,
Vitamin E	Less Fertility	Anaemia suppresses the normal hematologic response to iron
Vitamin K	Non-Clotting of Blood	Prolonged bleeding and prothrombin time

Your Personal Exams Guide

32. Answer: a

Explanation:

The correct answer is Gujarat.

★ Key Points

- India's first seaplane service started in Gujarat.
- It started on 31st October 2020, the birth anniversary of **Sardar Vallabhbhai Patel** .
- It provides air connectivity between the **Sabarmati Riverfront in Ahmedabad** and the **Statue of Unity in Kevadia** .

- The seaplane is operated by **Spicejet** .
- It is a **19-seater seaplane** , which will be able to **accommodate 14 passengers** .
- The seaplane is going to cover a **200km distance in just 45 minutes** .

★ Additional Information

Major Seaplane Projects

- **UDAN Scheme - Ude Desh Ka Aam Naagrik (UDAN)** was launched by the **Ministry of Civil Aviation in 2016** .
- Its aim is to create affordable yet economically viable and profitable flights on regional routes.

★ Important Points

States	Chief Minister (As of September 2022)	Airport
Goa	Pramod Sawant	Dabolim Airport
Maharashtra	Eknath Shinde	Chhatrapati Shivaji Maharaj International Airport
Kerala	Pinarayi Vijayan	Cochin International Airport

Your Personal Exams Guide

33. Answer: a

Explanation:

The correct answer is **A Judge of the Supreme Court submits his resignation to the President.**

★ Key Points

- Judges of the **Supreme Court** are appointed by the **President** under Article **124(2) of the Constitution**.
- A judge of the Supreme Court submits his **resignation** to the President of India.

- A person to be appointed as a judge of the Supreme Court should have the following qualifications under **Article 124 (3)**.
 - Should be a **citizen of India** .
 - Should have been a judge of a High Court (or High courts in succession) for at **least five years**.
 - Should have been an advocate of a High Court (or High courts in succession) for at **least ten years**.
 - Should be a distinguished jurist in the opinion of the President.
- The Constitution has **not prescribed minimum age for appointment** as a judge of the Supreme Court.

★ Additional Information

- A Judge of the Supreme Court can be removed from office by an order of the president.
- The President can issue the removal order only after an address by the Parliament.
- The address must be supported by a special **majority of each House of Parliament** i.e. a majority of the total membership of that House and a majority of not less than two-thirds of the members of that House present and vote.
- The grounds for removal are two-
 - **Proved misbehaviour.**
 - **Incapacity.**

Thus, it is clear that the President can remove a Judge from the Supreme Court.

34. Answer: c

Explanation:

The correct answer is 44th.

★ Key Points

- 44th amendment act of 1978 added one directive principle:

- Article 38: The State shall, in particular, strive to minimize the inequalities in income, and endeavour to eliminate inequalities in status, facilities, and opportunities.

★ Additional Information

- Provisions included in DPSPs after the 42nd Amendment Act of 1976:
- There are four new Directive Principles by the way of the 42nd Amendment Act of 1976 to the original list:
 - Article 39: To secure opportunities for the healthy development of children.
 - Article 39A: To promote equal justice and to provide free legal aid to the poor .
 - Article 43A: To take steps to secure the participation of workers in the management of industries.
 - Article 48A: To protect and improve the environment and to safeguard forests and wildlife.
- **47th Amendment:** Related to land reforms Acts.
- 52nd Amendment:
 - 52nd Amendment Act, 1985 of the Indian Constitution provided provisions related to anti-defection in India.
 - In this amendment, articles 101, 102, 190 and 191 were changed.
 - It laid down the process by which legislators may be disqualified on grounds of defection and inserted the tenth schedule.

35. Answer: d

Explanation:

The correct is answer is 7.

★ Key Points

- Sangita Ratnakara was written by **Pandit Sarngadeva in 13th century** .
- It consists of **7 chapters** as known as **Saptadhyayi** .
- It is a Sanskrit text which describes **music and drama** .

- It explains the **techniques of playing 14 kinds of drums** .
- It is the basis for **Hindustani and Carnatic music traditions** .

★ Additional Information

- About Sharangdev

- Sharngadeva was born in **Kashmir** but later migrated to Maharashtra due to Islamic invasions.
- He was patronized by the **Yadavas of Devgiri** .
- In his book Sangita Ratnakara he refers to **18 kinds of flutes** .
- His writing has formed the **foundation of technicalities of all the classical dance forms** .

36. Answer: c

Explanation:

The correct answer is Maharashtra.

★ Key Points

- **Asia's first solar-powered Textile mill** will come up in **Parbhani district, Maharashtra** .
- The name of the mill is **Jai Bhawani Women's cooperative textile mill** .
- The mill is a major producer of **cotton textiles** .
- **Dr Sampriya Rahul Patil** is the chairman of the mill.
- The cost of the solar-powered project will be **Rs 100 crore** .
- Parbhani district of Maharashtra is the **leading cotton-producing district** in the state.

★ Additional Information

Major Solar Powered Projects in India

- The **Bhadla Solar Park** is the **largest solar power plant** in the world found in **Jodhpur, Rajasthan** .

- Madhya Pradesh's Khandwa will be the **largest floating solar power plant in the world**.
- Kerala's **Cochin International Airport** became the world's first to run totally on solar energy.
- **Guwahati railway station** is India's first fully solar-powered railway station.

37. Answer: c

Explanation:

The correct answer is Gujarat.

★ Key Points

- Rangpur is an archaeological site in **Gujarat, western India**.
- It belongs to the period of the Indus valley civilization.
- The excavation was started by the Archeological Survey of India in **1931 led by M.S.Vats**.
- **Partially dug sewers, platforms, and house walls were discovered**.
- Rangpur yielded a large number of **plant remnants. Rice, Bajra, and millet were discovered**.

★ Additional Information

- The Indus Valley Civilization was a civilization that was mostly founded in the **Indus River Valley**.
- The time period of the Indus Valley Civilization was from **2600 BC to 1900 BC(NCERT)**.
- The term Indus valley civilization was coined by **John Marshall**.
- This civilization was spread over **Sindh, Baluchistan, Haryana, Rajasthan, Punjab, Western Uttar Pradesh, and Northern Maharashtra**.
- The important sites of the Indus Valley Civilization were **Harappa, Mohenjodaro, Chanhudaro, Lothal, Kalibanga, Banawali, Dholavira, Rangpur, etc.**

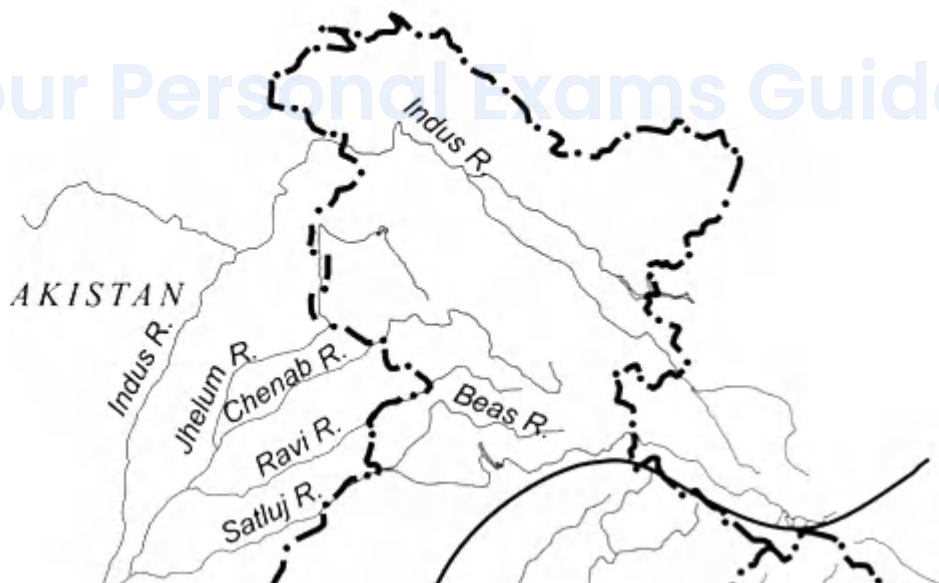
38. Answer: b

Explanation:

The correct answer is Chenab.

★ Key Points

- Chenab originates from near the **Bara Lacha Pass** in the **Lahul-Spiti part of the Zaskar Range** .
- The two streams, the **Chandra and the Bhaga** join at **Tandi in Himachal Pradesh** forming the Chenab river (also known as the **Chandrabhaga river**).
- It is traditionally known as the **Chandrabhaga River** , which is a major river that flows in **India and Pakistan** .
- It is the largest tributary of the **Indus river** .
- Its important tributaries are the **Marusadar River, Miyar Nalla, Sohal and Thiro** .
- Major dam on the Chenab river is **Pakal Dul Dam, Dul Hasti Hydroelectric Plant, Baglihar Hydroelectric power project and Salal Dam** .
- The **world's highest rail bridge** is formed above the Chenab river.



★ Additional Information

River	Origin
Indus	Glacier near Bokhar Chu in Tibetan Plateau.
Ganga	Gangotri glacier near Gaumukh in the Uttarkashi, Uttarakhand
Brahmaputra	Chemayungdung glacier of the Kailash range near Mansarovar lake.
Jhelum	Origins in spring at Verinag in the Pir Panjal range of the Himalayas
Ravi	Rohtang pass in the Kullu hills of Himachal Pradesh.

39. Answer: c

Explanation:

The correct answer is Pallava.

★ Key Points

- The Pallava dynasty was an early **4th-century to late 9th-century CE** line of rulers in southern India.
- Pallava was able to sustain their rule for about **500 years**.
- **Mahendravarman I** is considered to be the greatest ruler of the Pallavas.
- **Kanchipuram** was the capital of the Pallavas.
- Their territories at the height of their powers extended from the northern part of Andhra Pradesh to River Kaveri in the South.
- Shore Temple at Mahabalipuram and the Kanchi Kailasanathar Temple at Kanchipuram are famous temples constructed during the reign of Pallavas.
- The **Pallavas were great patrons of learning** .
- The symbol of the Pallavas was the **Lion (Simha) and the Bull (Nandi)** , It was interchangeable depending on the preference of the ruler.

★ Additional Information

- Pandya.

- Pandya dynasty started near about **6th century BC and ended around the 15th century AD** .
- The capital of Pandyas was **Madurai**.
- The symbol of the Pandya Dynasty was the fish.
- **Chera.**
 - The Chera Dynasty is also called the **Keralaputra dynasty** .
 - Their capital was **Muziri also known as Vanchi**.
 - Uthiyan Cheralathan, and is widely considered the founder of the Chera Dynasty.
 - **Rama Varma Kulakshetra** was the last king of the Chera Dynasty.
 - The **bow** was the royal emblem of the Chera Kingdom.
- **Chola.**
 - **Vijayalaya** was the founder of the Imperial Chola dynasty.
 - **Thanjavur (Tanjore)** was the capital of Cholas.
 - **Jumping Tiger** was the royal emblem of the Cholas.
 - **Rajendra Chola III** Was the last king of this dynasty

40. Answer: a

Explanation:

The correct answer is 2005.

★ Key Points

- National Jute Policy was formulated in 2005 for increasing productivity, improve quality ensure good prices for the jute farmers and enhance the yield per hectare.
- The policy objective is to enable the jute industry to build **world-class state-of-the-art manufacturing capabilities** .
- Its goal is to encourage **Foreign Direct Investment, research and development** in the sector.
- The policy is undertaken by the **Ministry of Textiles** .
- Its vision is for **sustainable employment generation and the economic growth of the nation** .

- It focuses on **increasing exports to Rs.5000 crore by 2010 from the present level of Rs.1000 crore** .

★ Additional Information

About Jute

- It is known as **golden fibre** because it is the most used natural fibre.
- Used in making **gunny bags, mats, ropes, yarn, carpets and other artefacts** .
- It is cultivated mainly in **eastern India** because of the **rich alluvial soil** of the **Ganga-Brahmaputra delta** .
- **India, Bangladesh, China and Thailand** are the world's largest producing countries of Jutes.
- For its cultivation is the required temperature between **25–35°C** and rainfall of **about 150–250 cm** .
- The top Jute Producing State is **West Bengal followed by Bihar and Assam** .

41. **Answer: a**

Explanation:

The correct answer is Panna Biosphere Reserve.

★ Key Points

- Panna Tiger Reserve of **Madhya Pradesh** has been finally enlisted in UNESCO's Man and Biosphere (MAB) program.
- This is the third biosphere in the Madhya Pradesh State following **Pachmarhi and Amarkantak** , the first two.
- Panna was notified as a biosphere reserve by the Ministry of Environment and Forest in the **Year 2011** .
- UNESCO has allotted the reserve Biosphere Reserve status after it brought the tiger population back from **zero to 54 within ten years**.
- According to the United Nations (UN), a biosphere reserve is where an international agency tries to reconcile the differences between human activity and the preservation of biodiversity.

- Every year, the status of UNESCO sets a few new sites that will come under its umbrella of Biosphere reserves, while others are removed.
- There are currently **738 biosphere reserves** across the world, located in **124 countries**.

★ Additional Information

- There are **18 Biosphere Reserves** in India.
- The **Nilgiri Biosphere Reserve** in the Nilgiri mountains of the **Western Ghats in South India**.
- The Gulf of Mannar is one of the biologically richest coastal regions in all of the mainland of India.
- The Gulf of Mannar is the **first Marine Biosphere Reserve in India and South East Asia**.
- Nanda Devi Biosphere Reserve is located in the Himalayan Mountains in the northern part of the country (**Uttarakhand**).

★ Important Points

- India has **18 Biosphere Reserves** and with the inclusion of Khangchendzonga, the number of internationally designated World Network of Biosphere Reserves (WNBR) has become **12**, with **6 Biosphere Reserves** being domestic Biosphere Reserves.
- Internationally designated Biosphere Reserves in India and the year of their inclusion are:
 - Nilgiri, 2000
 - Gulf of Mannar, 2001
 - Sunderban, 2001
 - Nanda Devi, 2004
 - Nokrek, 2009
 - Pachmarhi, 2009
 - Similipal, 2009
 - Achanakmar-Amarkantak, 2012
 - Great Nicobar, 2013
 - Agasthyamala, 2016
 - Khangchendzonga, 2018

- Panna biosphere reserve, 2020

42. Answer: b

Explanation:

The correct answer is Amritsar.

★ Key Points

- Jallianwala Bagh Massacre (13th April 1919); in Punjab Amritsar.
- **Reason:** After Rowlatt satyagraha got huge support in Punjab.
- The Government handed over the administration to the military authorities under **General Dyer to suppress this violent situation ongoing** .
- Political leaders were detained and all public meetings were **banned by General Dyer**.
- Being unaware of the prohibitory orders in the city, a large crowd had gathered on **Baisakhi Day** in this small park to protest against the arrest of their leaders **Dr Saifuddin Kitchlew and Dr Satyapal** .
- Under orders from General Dyer, the **gathering was surrounded by the army**, they blocked the only exit point and opened fire on the unarmed crowd.

★ Additional Information

- As a result, hundreds of men, women, and children were killed and more than **1,200 people were wounded** .
- Due to this massacre, **R.N. Tagore** returned ' **To knighthood**' and **Shankaran Nair** resigned from the **Executive Council of Viceroy**.
- **Mahatma Gandhi** returned the **Kaisar-i-Hind** title as a protest against the Jallianwala Bagh massacre.
- The **Hunter Commission** was appointed after the **Jallianwala Bagh massacre**.
- In the final report submitted in **March 1920** , the committee unanimously condemned Dyer's actions.
- However, the Hunter Committee did not impose any penal or disciplinary action **against General Dyer** .

43. Answer: d

Explanation:

The correct answer is Netaji Birth Place Museum.

★ Key Points

- Netaji Birth Place Museum is Located in Oriya Bazaar in the city of Cuttack .
- Janakinath Bhawan is the place where Netaji used to live and now has been converted into a museum.
- Jankinath Bhavan was converted into a museum in the year 2007.
- Cuttack is a city in the eastern Indian state of Odisha.

★ Additional Information

- National Museum is located in New Delhi.
- Indian Museum is Located in West Bengal(Kolkata).
- Salar Jung Museum is located in Hyderabad(Telangana).
- The largest Museum in India is the Indian Museum, Kolkata .
- Central Museum Authority is located in New Delhi.
- The biggest museum in the world is the British Museum (London).

Your Personal Exams Guide



Your Personal Exams Guide

44. Answer: a

Explanation:

The correct answer is SBI.

★ Key Points

- This collaboration includes financial benefits like an 'attractive' rate of interest on loans with tenure up to **five years** and offers on the processing fee.
- There is also an additional benefit of **Rs 25,000** for customers booking a Mercedes-Benz vehicle via SBI Yono platform .

- The customers need to produce an online booking confirmation and SBI loan sanction letter at the Mercedes-Benz dealership to avail the benefits.
- They can even get a car loan sanctioned through SBI Yono after fulfilling the eligibility criteria.

★ Additional Information

- The oldest commercial bank in the country, State Bank of India, SBI, **celebrated its 67th year on 1 July 2022.**
- SBI descends from the Bank of Calcutta founded in **1806 through the Imperial Bank of India.**
- The **Bank of Madras** merged into the other two presidency banks, **the Bank of Calcutta and the Bank of Bombay** to form the Imperial Bank of India which in turn became the SBI on this day in 1955.
 - Founded - on **1 July 1955** .
 - Chairperson - **Dinesh Kumar Khara (as of Sept 2022).**
 - Headquarters - **Mumbai.**

45. Answer: a

Explanation:

The correct answer is Yogesh Kathuniya

★ Key Points

- Yogesh Kathuniya is an Indian Paralympic athlete who specializes in the **discus throw.**
- Yogesh Kathuniya produced his season's best throw in the final attempt with an effort of **44.38m to settle for the silver medal.**
- **Claudiney Batista dos Santos** won the Gold with the best throw of **45.59m** while **Leonardo Diaz Aldana** won **bronze (43.36m)** .
- Yogesh Kathuniya is born on **3 March -1997(Delhi)** .
- India won **19 medals** at the Tokyo Paralympics -- **five gold, eight silver, and six bronze.**

★ Additional Information

- **Sumit Antil.**
 - Sumit Antil was born on **6 July 1998** in **Khewda, Sonapat, Haryana, India** .
 - On **30 August 2021**, Sumit Antil won the **gold medal with a World Record throw of 68.55 m in javelin throw F64** at the **2021 Tokyo Paralympics**.
- **Avani Lekhara** .
 - She is an Indian Paralympian **rifle shooter**.
 - Avani Lekhara created history at the **Tokyo Paralympics** when she became the **first Indian woman to clinch** a Paralympic Games gold medal.
 - Avani Lekhara is from **Jaipur, Rajasthan**.
- **Manish Narwal** .
 - Manish Narwal clinched a gold medal in the **men's 50m pistol SH1** event at the **Tokyo Paralympics 2021**.
 - Born **17 October 2001** **Faridabad(Haryana)**.



46. Answer: d

Explanation:

The correct answer is 4.59%.

★ Key Points

- Gross Domestic Product(GDP) is the value of **all final goods and services produced within the boundary of a nation** during one year period.
- In India, it is calculated by the **Ministry of Statistics and Programme Implementation** .
- It is a **quantitative concept** and its volume or size indicates the internal strength of the economy.
- It is **used by the IMF and World Bank** for comparative analysis of its member nation.
- The % of India's GDP recorded as a budget deficit for the fiscal year 2019-2020 is **4.59%** .

★ Additional Information

About Budget

- **Article 112** deals with the **annual financial statement also known as the Budget** .
- In the constitution, there is nowhere mentioned the term Budget.
- It is an **estimate of expenditure and receipts for the Government of India** in a financial year.
- India's first Union Budget was presented by the **first Finance minister, RK Shanmukham Chetty on November 26, 1947** .
- It is presented by **Union Finance Minister** every year in Parliament.
- There are three types of budgets which are **Balanced Budget, Surplus Budget and Deficit Budget** .
 - **Balanced Budget** – A government Budget is assumed to be balanced if the expected expenditure is equal to the anticipated receipts for a fiscal year.

- Surplus Budget – A Budget is said to be surplus when the expected revenues surpass the estimated expenditure for a particular business year.
- Deficit Budget- A Budget is in deficit if the expenditure surpasses the revenue for a designated year.

47. Answer: b

Explanation:

The correct answer is Swami and Friends.

★ Key Points

- Rasipuram Krishnaswami Iyer Narayanaswami , commonly known as R. K. Narayan.
- He was an **Indian writer** known for his famous books
 - Swami and Friends.
 - The Guide.
 - The Vendor of Sweets.
 - The Ramayana.
 - The Mahabharata.
 - Malgudi days
- He was also **nominated** for the **Nobel Prize for Literature** multiple times.
- He was honoured by **Padma Bhushan(1964)** and **Padma Vibhushan (2001)** .
- He served as a **member of Parliament Rajya Sabha** from 1986 to 1992.

★ Additional Information

- **Angry River, Roads to Mussoorie and The Blue Umbrella** were written by **Ruskin bond** .
- Ruskin Bond is an Indian writer of **British descent** .
- He won **Sahitya Academy Award** in 1992 for **Our Trees Still Grow in Dehra** , his novel in English.
- He was honoured with the **Padma Shri** in 1999 and the **Padma Bhushan** in 2014.

48. Answer: c

Explanation:

The correct answer is Edwin H Armstrong.

★ Key Points

- Edwin H Armstrong is an American inventor who developed the **modern radio and electronic circuitry** .
- He was an **electrical engineer** also known as the father of **FM radio**.
- He patented **FM radio in 1933** .
- He has won many awards such as the **IEEE Medal of Honor (1917), Holley Medal (1940), Franklin Medal (1941), IEEE Edison Medal (1942) and Washington Award (1951)** .

★ Additional Information

Inventor	Patent
Nicola Tesla	Commutator for Dynamo Electric Machines
Carl Benz	Motorcar(mercedes-benz)
John Baird	Television

49. Answer: a

Explanation:

The correct answer is Golf.

★ Key Points

- Albatross: This term means **three under par** .

- The modern game of golf originated in **15th-century Scotland** .
- **Scottie Scheffler is a world rank 1 Golf player**(as of Sept 2022).

★ Additional Information

Sports	Terminology
<u>Golf</u>	Birdie, <u>Eagle</u> , tea box, Fairway, <u>Albatross</u> , etc.
Baseball	Home run, Base runner, Perfect game, Putout, etc
Cricket	Bails, Pavilion, Wide ball, Seamer. Square leg, Not out, Slip, Googley, Long on, etc
Kho-Kho	Runner, Chaser, Poleby , Out, Foul, etc.
Lawn Tennis	Backhand drive , smash, Drop Shot, Approach Shot, etc.
Boxing	Ring Stoppage, Punch, Kidney punch, Footwork, etc

50. Answer: d

Explanation:

The correct answer is banana.

★ Key Points

- **Musa paradisiaca** is commonly referred to as a banana produced in the Musa genus by the large herbal flowering plant.
- A banana is a **botanically consumable plant** .
- In **327 BC** banana was first discovered as a fruit in the Indian valleys during **Alexander the Great** and his army invaded this country.
- It probably originated in **Southeast Asian countries**.
- **Andhra Pradesh** is the **largest producer** of bananas india (**As of Oct 2022**).
- **India** is the **largest producer** of banana in world (**as of oct 2022**).

★ Additional Information

Simple Fruits	Scientific Name	Type	Edible Parts
Litchi	<i>Nephalium Chinensis</i>	Nut	Fleshy aril
Apple	<i>Pyrus malus</i>	Pome	Thalamus
Guava	<i>Psidium guajava</i>	Berry	epicarp, mesocarp, endocarp
Mango	<i>Mangifera indica</i>	Drupe	Mesocarp

51. Answer: b

Explanation:

Given:

Average of 22, 15, 28, p and q is 16

Formula used:

Average = sum of terms/number of terms

Calculation:

$$\Rightarrow (22 + 15 + 28 + p + q)/5 = 16$$

$$\Rightarrow 65 + p + q = 80$$

$$\Rightarrow p + q = 15$$

$$\text{Average of } p \text{ and } q = (p + q)/2 = 15/2 = 7.5$$

So, the average of p and q = 7.5

52. Answer: b

Explanation:

Given:

Girls = 45%

Boys passed = 75%

Girls passed = 80%

Girls failed = 144

Calculation:

Let total students = 400

Girls = 45% = $\frac{45}{100} \times 400 = 180$

Boys = 55% = $\frac{55}{100} \times 400 = 220$

Boys passed = 75% = $\frac{3}{4} \times 220 = 165$

Boys failed = $220 - 165 = 55$

Girls passed = 80% = $\frac{4}{5} \times 180 = 144$

Girls failed = $180 - 144 = 36$

$\Rightarrow 36 \text{ units} = 144$ (According to question)

$\Rightarrow 1 \text{ unit} = 4$

Boys failed = $55 \times 4 = 220$

\therefore The correct answer is **220**.

53. Answer: d

Explanation:

Given:

Amount in 2 years is Rs.1980

Amount in 3 years is Rs. 2070

Formula used:

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

$$A = P + SI$$

$$A = P + (P \times T \times R)/100$$

Calculation:

$$P + (P \times 2 \times R/100) = 1980$$

$$P + (P \times 3 \times R/100) = 2070$$

Subtracting both the equations

$$\Rightarrow (P \times 1 \times R)/100 = 90$$

Multiplying both sides with 2

$$\Rightarrow (P \times 2 \times R)/100 = 180$$

So, the simple interest of 2 years = Rs.180

now, $A = P + SI$ (for two years)

$$\Rightarrow 1980 = P + 180$$

$$\Rightarrow P = 1800$$

So, the sum is Rs. 1800

★ Shortcut Trick

$$\text{difference} = 1 \left(\begin{array}{l} 2 \text{ ————— } 1980 \\ 3 \text{ ————— } 2070 \end{array} \right) \text{ difference} = 90$$

SI in 1 year = Rs. 90

SI in 2 year = $90 \times 2 = 180$

$P = 1980 - 180 = 1800$

So the sum is Rs. 1800

54. Answer: c

Explanation:

Given:

At 68 he incurs a loss of 15 %

★ Shortcut Trick

$$\Rightarrow (100 - 15)\% = 68$$

$$\Rightarrow 85\% = 68$$

$$\Rightarrow 1\% = 68 / 85$$

$$\therefore 20\% \text{ gain} = (100 + 20)\% = (68 / 85) \times 120$$

$$\Rightarrow 96$$

The price when 20 % gain is 96.

55. Answer: a

Explanation:

Given:

The sides of a triangle are in the ratio 4 : 9 : 7

The sum of the shortest and the longest sides is 65 cm.

Calculation:

Shortest side of the triangle = 4 units

Longest side of the triangle = 9 units

The sum of the shortest and the longest sides = 4 + 9

⇒ 13 units

According to the question,

13 units = 65 cm

So, 1 unit = 5 cm

Length of the third side = 7 × 5

⇒ 35 cm

∴ The required answer is 35 cm.

56. Answer: c

Explanation:

Given:

Total cost of levelling of a circular field = 19,250 Rs

Cost for 1 m² levelling = 5 Rs

Formula Used:

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

$$\text{Perimeter of circular field} = 2\pi r$$

Calculation:

$$\text{Area of circular field} \times 5 = 19250$$

$$\Rightarrow \pi r^2 \times 5 = 19250$$

$$\Rightarrow \pi r^2 = 3850$$

$$\Rightarrow r^2 = (3850 \times 7) / 22$$

$$\Rightarrow r = 35$$

$$\text{Now, The total cost to put fence around the circular field} = 2\pi r \times 24$$

$$\Rightarrow 2 \times (22/7) \times 35 \times 24 = 5280$$

\therefore The total cost of fencing is Rs. 5280.

57. Answer: c

Explanation:

Given:

The greatest 5-digit number which on being divided by 3, 5, 6 and 9 leaves remainders 1, 3, 4 and 7, respectively

Solution:

$$\text{LCM of 3, 5, 6 and 9} = 90$$

We know that the greatest 5 digit number = 99999

The greatest 5 digit number which is divisible by 90 = 99990

To get remainders 1, 3, 5, 7 when divided by 3, 5, 7, 9 respectively we find difference of these numbers, As

$$\Rightarrow 3 - 1 = 2$$

$$\Rightarrow 5 - 3 = 2$$

$$\Rightarrow 7 - 5 = 2$$

$$\Rightarrow 9 - 7 = 2$$

Therefore, The greatest 5-digit number which on being divided by 3, 5, 6 and 9 leaves remainders 1, 3, 4 and 7, respectively

$$\Rightarrow 99990 - 2$$

$$\Rightarrow 99988$$

58. Answer: d

Explanation:

Given:

Speed of train = 60 km/h

Speed of man = 9 km/h

Train length = 230 m

Distance between Man and Train = 115 m

Concept used:

Relative Speed = Relative Distance/Time

Where Relative speed is sum of man and train speed because they move towards each other.

Calculation:

$$\text{Relative Distance} = 230 + 115$$

$$\Rightarrow 345 \text{ m}$$

$$\text{Relative speed} = \text{Speed of train} + \text{speed of man}$$

$$\Rightarrow 60 + 9 = 69 \text{ km/h}$$

$$\Rightarrow 69 \times (5/18) \text{ m/sec}$$

$$\text{Time taken to pass the man} = \text{Relative Distance} / \text{Relative speed}$$

$$\Rightarrow \frac{345}{(69 \times 5/18)}$$

$$\Rightarrow 18 \text{ sec}$$

∴ The Required time is 18 sec.

★ Important Points

If the man and the train move towards each other then

Relative speed = Speed of train + Speed of man.

If the man and the train move in same direction then

Relative Speed = Speed of train - Speed of man.

59. Answer: b

Explanation:

Given:

The sum of the lengths of trapezium parallel sides is 9.5 cm.

The area of the trapezium is 57 cm².

Formula used:

Area of Trapezium = $1/2 \times$ sum of lengths of parallel sides \times Altitude

Calculation:

Area of Trapezium = $1/2 \times$ sum of lengths of parallel sides \times Altitude

$\Rightarrow 57 = 1/2 \times 9.5 \times \text{altitude}$

$\Rightarrow \text{Altitude} = 57 \times 2/9.5$

$\Rightarrow 12 \text{ cm}$

\therefore The Required answer is 12 cm.

60. Answer: d

Explanation:

Given:

$9 - 2 \times 2 \div 6 \text{ of } 3 + 3$

Concept used:

B	Brackets in order (), { }, []	ब्रैकेट (), { }, [] क्रम में
O	of	का
D	Division (\div)	विभाजन (\div)
M	Multiplication (\times)	गुणा (\times)
A	Addition ($+$)	जोड़ ($+$)
S	Subtraction ($-$)	घटाव ($-$)

Calculation:

$\Rightarrow 9 - 2 \times 2 \div 6 \text{ of } 3 + 3$

$$\Rightarrow 9 - 2 \times 2 \div (6 \times 3) + 3$$

$$\Rightarrow 9 - 2 \times 2 \div 18 + 3$$

$$\Rightarrow 9 - 2 \times (2/18) + 3$$

$$\Rightarrow 9 - (2/9) + 3$$

$$\Rightarrow 12 - (2/9)$$

$$\Rightarrow 106/9$$

$$\therefore 11\frac{7}{9}$$

61. Answer: c

Explanation:

Given:

Amount = 2,50,000

Rate = 12% per annum compound interest.

Time = one and a half year

Formula used:

For 2 year successive rate % = $(a + b + \frac{a \times b}{100}) \%$

For 3 year successive rate % = $(a + b + c + \frac{ab+bc+ca}{100} + \frac{abc}{10000}) \%$

Calculation:

When the interest is compounded annually the rate for one and a half year = $12 + 6 + \frac{12 \times 6}{100} \%$ = 18.72 %

When the interest is compounded semi annually the rate for one and a half year = $6 + 6 + 6 + \frac{36+36+36}{100} + \frac{216}{10000} = 19.1016 \%$

Difference between the rate compounded semi-annually and compounded annually = $19.1016 - 18.72 = 0.3816 \%$

Difference between the amounts received when the interest is compounded semi-annually and when it is compounded annually = $2,50,000 \times 0.3816 \% = 954$

\therefore Difference between the amounts is 954 when the amount is compounded semi annually and when the amount compounded annually.

★ Alternate Method

When compounding is done semi-annually.

$$A = 2,50,000 (1 + 6/100)^3$$

$$A = 2,50,000 (106/100)^3$$

$$A = 2,97,754 \text{ ----- (1)}$$

When compounding is done annually.

The amount at the end of 1 year:

$$A = 2,50,000 (1 + 12/100)$$

$$A = 2,80,000$$

The amount at the end of 1.5 years:

$$A = 2,80,000 (1 + 6/100)$$

$$A = 2,96,800 \text{ ----- (2)}$$

Subtract (2) from (1)

$$\text{Difference} = 2,97,754 - 2,96,800$$

$$\text{Difference} = 954$$

\therefore The difference between the amounts is 954 when the amount is compounded semi-annually and when the amount is compounded annually.

62. Answer: c

Explanation:

Given:

Sum = Rs. 3596

$$A : B : C = \frac{1}{6} : \frac{1}{8} : \frac{1}{9}$$

Calculation:

$$A : B : C = \frac{1}{6} : \frac{1}{8} : \frac{1}{9} \dots\dots\dots (1)$$

Multiply 72 in eq(1)

$$A : B : C = 12 : 9 : 8$$

According to question,

$$A + B + C = \text{Rs. } 3596$$

$$\Rightarrow 12x + 9x + 8x = \text{Rs. } 3596$$

$$\Rightarrow 29x = \text{Rs. } 3596$$

$$x = 124$$

$$\text{Then, } A = 1488, B = 1116, C = 992$$

Now, The difference (in ₹) between the shares of A and C

$$A - C = 1488 - 992$$

$$\Rightarrow 496$$

∴ The difference (in ₹) between the shares of A and C = Rs. 496

63. Answer: d

Explanation:

Given:

Length of the train = 240 m

Length of the platform = 250 m

Time = 28 seconds

Concept used:

If the length of the train is 'x' m and the length of the platform is 'y' m then Distance is taken as $(x + y)$ m

Formula used:

Speed = Distance/Time

Speed in km/h = (Speed in m/s) $\times 18/5$

Calculation:

Here, distance = $240 + 250 = 490$ m

\Rightarrow Speed = $490/28 = 35/2$ m/s

\Rightarrow Speed (in km/h) = $(35/2) \times 18/5 = 63$ km/h

\therefore The correct answer will be 63 km/h.

★ **Shortcut Trick**

Here Distance = length of train + length of platform

\Rightarrow Distance = $240 + 250 = 490$

$$\Rightarrow \text{Speed} = 490/28 = 35/2 \text{ m/s}$$

$$\Rightarrow 35/2 \times 18/5 = 63 \text{ km/h}$$

Hence, the required speed is 63 km/h.

64. Answer: b

Explanation:

Given:

Time is taken by A to complete the work = 18 days

Time is taken by A to complete the work = 24 days

Calculation:

Time taken by A to complete the work = 18 days

$$\Rightarrow \text{Work done by A in 1 day} = 1/18 \text{ units}$$

Time taken by B to complete the work = 24 days

$$\Rightarrow \text{Work done by B in 1 day} = 1/24 \text{ units}$$

They complete the work in 8 days with the help of C

$$\Rightarrow \text{Work done by C in 1 day} = 1/8 - (1/18 + 1/24) = 2/72 \text{ units}$$

$$\text{Ratio of work} = A : B : C = (1/18) : (1/24) : 2/72 = 4 : 3 : 2$$

$$\text{A's share} = (4/9) \times 22500$$

$$\Rightarrow A = \text{Rs.}10,000$$

So, Rs. 10,000 is to be paid to A.

★ Alternate Method

	Time	Total Work	Efficiency
A	18		4
B	24	72	3
A + B + C	8		9

$$\Rightarrow 9 = 22500 \times 4 = 10,000 = A$$

So, Rs. 10,000 is to be paid to A .

65. Answer: b

Explanation:

Calculation:

Here,

$$\Rightarrow 8 - 5 = 3$$

$$\Rightarrow 14 - 11 = 3$$

$$\therefore \text{Required number} = (\text{L.C.M of } 8, 14) - 3 = 56 - 3 = 53$$

66. Answer: b

Explanation:

Given:

$$MP = 500$$

Allowed successive discount = 20% & 10%

Formula Used:

For Successive discount = $-a - b + \frac{ab}{100}$

Calculation:

Successive discount = $-20 - 10 + \frac{20 \times 10}{100} \% = 28\%$

So, total discount = $500 \times \frac{28}{100} = 140$

\therefore The Price of the article = $500 - 140 = 360$

67. Answer: a

Explanation:

Given:

Loss = 15%

If SP is increased by Rs. 150 then profit is 5%.

Formula used:

$$SP = CP \times (100 - L\%) / 100$$

$$SP = CP \times (100 + P\%) / 100$$

Calculation:

Let CP be Rs. x

When loss is 15% then,

$$SP = (100 - 15)x / 100 = 85x / 100$$

$$\Rightarrow SP = 17x / 20$$

When Profit is 5% then,

$$SP = (100 + 5)x / 100 = 105x / 100$$

$$\Rightarrow SP = 21x/20$$

According to the question,

$$21x/20 - 17x/20 = 150$$

$$\Rightarrow 4x/20 = 150$$

$$\Rightarrow x = 750$$

Hence the CP is Rs. 750.

★ Shortcut Trick

Let CP be $100x$

$$\Rightarrow SP \text{ at } 15\% \text{ loss} = 85x$$

$$\Rightarrow SP \text{ at } 5\% \text{ profit} = 105x$$

According to the question,

$$105x - 85x = 150$$

$$\Rightarrow 20x = 150$$

$$\Rightarrow 100x = 750.$$

\therefore The correct answer is Rs. 750

68. Answer: b

Explanation:

Given:

25 men can complete a work in 36 hours

Formula used:

$$M_1 \times H_1 = M_2 \times H_2$$

Calculation:

$$M_1 \times H_1 = M_2 \times H_2$$

$$\Rightarrow 25 \times 36 = 12 \times H_2$$

$$\Rightarrow H_2 = 75$$

So 12 men complete a work in 75 hours

69. Answer: d

Explanation:

Concept used:

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

Calculation:

$$\Rightarrow 1800 \div 10 \times [45 \div (17 - 2)] \text{ of } 2 + [-2 (1 + 2)]$$

$$\Rightarrow 1800 \div 10 \times [45 \div 15] \text{ of } 2 + (-6)$$

$$\Rightarrow 1800 \div 10 \times 3 \text{ of } 2 + (-6)$$

$$\Rightarrow 1800 \div 10 \times 6 - 6$$

$$\Rightarrow 180 \times 6 - 6$$

$$\Rightarrow 1080 - 6$$

$$\Rightarrow 1074$$

\therefore The correct answer is 1074.

70. Answer: b

Explanation:

Given:

19 % profit after giving 15% discount on marked price.

Solution:

Let, the cost price be = Rs 100

So, selling price = $(100 + 19) \% = \text{Rs } 119$

$$\text{S.P.} = \text{M.P.} \times (100 - D) / 100$$

$$119 = \text{M.P.} \times (100 - 15) / 100$$

$$\text{M.P.} = (119 \times 100) / 85$$

$$\Rightarrow 140$$

If the discount is 18 % , then the selling price

$$\text{SP} = 140 \times (100 - 18) / 100$$

$$\text{SP} = 114.8$$

So, new profit percentage = $(114.8 - 100) \% = 14.8 \%$

71. Answer: a

Explanation:

Given:

Ration of the shares of a man, a woman and a boy = $5x : 4x : 3x$

Solution :

Ration of the shares of 6 men, 13 women and 6 boys = $30x : 52x : 18x$

$$\Rightarrow 30x + 52x + 18x = 100x$$

Value of $100x = 18,400$

$$\therefore x = 18,400 / 100$$

$$\Rightarrow x = 184$$

$$\Rightarrow \text{Ration of each boy } (3x) = 3 \times 184$$

$$\Rightarrow 552$$

The money each boy receive = 552

72. Answer: b

Explanation:

Given:

The average score of a group of students in a test is 58

The average score of the brightest 15% of the students is 85

The average score of the poorest 20% of the students is 28.

Concept used:

Average = Sum of elements / No. of elements

Calculation:

Let the number of students in a group be X.

Sum of scores of students = 58 X

Sum of 15% brightest students = $(X \times 15/100) \times 85$

$\Rightarrow 12.75 X$

Sum of 20% poorest students = $(X \times 20/100) \times 28$

$\Rightarrow 5.6 X$

Remaining Students = 100 - 15 - 20

$\Rightarrow 65\%$

Sum of remaining 65% students = Total - Sum of 15% - Sum of 20%

$\Rightarrow 58 X - 12.75 X - 5.6 X$

$\Rightarrow 39.65 X$

Average of Remaining 65% students = $39.65 X / (X \times 65\%)$

$\Rightarrow 3965/65$

$\Rightarrow 61$

\therefore The Required Answer is 61.

73. Answer: c

Explanation:

Given:

$$A_1 = \text{Rs.}10,164$$

$$A_2 = \text{Rs.}12,320$$

$$T_1 = 4 \text{ years}$$

$$T_2 = 15/2 \text{ years}$$

Calculation:

$$A_1 = P + 4 \times I \text{ -----(1)}$$

$$A_2 = P + 15/2 \times I \text{ -----(2)}$$

By subtracting equation (1) by (2)

we get,

$$\Rightarrow 7/2 I = 2156$$

$$\Rightarrow I = 616$$

Now by Putting value of I in equation(1),

$$\Rightarrow 10164 = P + 4 \times 616$$

$$\Rightarrow P = 7700$$

$$\Rightarrow R = 616/7700 \times 100$$

$$\Rightarrow R = 8$$

\therefore The principal is **Rs.7700** and the Rate is **8%** per annum.

74. Answer: b

Explanation:

Given:

SP of the article is 2320

Profit = 16%

Calculation:

CP of the article = $2320 \times 100/116 = 2000$

If he sold it for 2100 Rs then profit = $2100 - 2000 = 100$

Profit% = $\frac{100}{2000} \times 100 = 5\%$

∴ The profit is 5%.

75. **Answer: d**

Explanation:

Calculation:

$$\Rightarrow (16 \times x)/100 = (24 \times y)/100$$

$$\Rightarrow 16x = 24y$$

$$\Rightarrow x = (3/2)y$$

Now, 24% of $x = 24\%$ of $(3/2)y = 36\%$ of y

Hence, the correct answer is 36% of y .

★ **Shortcut Trick**

$$\Rightarrow 16\% \text{ of } x = 24\% \text{ of } y$$

$$\Rightarrow 1\% \text{ of } x = (24/16)\% \text{ of } y$$

$$\Rightarrow 24\% \text{ of } x = [(3/2) \times 24]\% \text{ of } y$$

⇒ 24% of x = 36% of y

∴ 36% of y is the correct answer.

76. Answer: d

Explanation:

The correct answer is '**He walked so fastly**', i.e. the error lies in this part of the sentence.

★ Key Points

- The mistake is using the word '**fastly**' which actually doesn't exist. It's not a word.
- The correct word is '**fast**'.
- So, whether we want to use it as an adjective, which is for a noun, or an adverb, for a verb, we need to use the word '**fast**'.
- Therefore, the correct answer is **option 4**.

Correct sentence: *He walked so **fast** that I could not keep pace with him.*

★ Additional Information

- **Adjective:** a word or phrase naming an attribute, added to, or grammatically related to a noun to modify or describe it.
 - **Adverb:** a word or phrase that modifies or qualifies an adjective, verb, or other adverb or a word group, expressing a relation of place, time, circumstance, manner, cause, degree, etc.
-

77. Answer: c

Explanation:

The correct answer is '**Cunning**'.

★ Key Points

- Let's see the **meaning** of the given word and the marked answer:
 - **Innocent**: not involving or intended to cause harm or offence; harmless.
 - **Example**: I was thirteen years old and very **innocent**.
 - **Cunning** - having or showing skill in achieving one's ends by deceit or evasion.
 - **Example** : But the wicked creature was very **cunning** , and she finally thought of a trick that would give her what she wanted.
- Thus, from the above explanation, it can be seen that the most possible antonym for the word '**innocent**' is '**cunning**'.

★ Additional Information

- Let's see the **meaning** of the other options as well:
 - **Harmless** : not able or likely to cause harm.
 - **Simple**: easily understood or done; presenting no difficulty.
 - **Honest**: free of deceit and untruthfulness; sincere.

78. **Answer: c**

Explanation:

The correct answer is 'Reckless'.

★ Key Points

- Let's see the **meaning** of the given word and the marked answer:
 - **Cautious**: careful to avoid danger or risks.
 - **Example**: The air-pollution board has reacted with **cautious** optimism to the announcement.
 - **Reckless**: not caring or worrying about the possible bad or dangerous results of your actions.
 - **Example** : He ran into the burning house with **reckless** abandon.
- Thus, from the above explanation, it can be seen that the most possible antonym for the word 'Cautious' is 'Reckless'.

★ Additional Information

- Let's see the **meaning** of the other options as well:
 - **Watchful** : watching or observing someone or something closely; alert and vigilant.
 - **Alert**: the state of being watchful for possible danger.
 - **Vigilant**: giving careful attention to what is happening, so that you will notice any danger or illegal activity.
-

79. **Answer: a**

Explanation:

The correct answer is 'Catalogue'.

★ Key Points

- Let's see the **meaning** of the given options:
 - **Catalogue**: a list of all the books or resources in a library.
 - **Bibliography**: a list of the books of a specific author or publisher, or on a specific subject.
 - **Register**: an official list or record, for example of births, marriages, and deaths, of shipping, or of historic places.
 - **Document**: a piece of written, printed, or electronic matter that provides information or evidence or that serves as an official record.
 - Thus, from above, we can conclude that the correct answer is **option 1**.
-

80. **Answer: a**

Explanation:

The correct answer is '**sang a song**', i.e. the error lies in this part of the sentence.

★ Key Points

- The error lies in the incorrect usage of the **infinitive**.
- **Infinitive verb:** An infinitive is the basic form of a verb, having no tense and not being conjugated. In English, an infinitive is preceded by the word 'to'.
- **Structure:**
 - To + the first form of the verb
 - **Example:** to dance, to sing, to go, etc.
- Thus, the usage of the **second form of the verb** with 'to' is incorrect.
- It needs to be replaced with its first form of the verb, i.e. 'sing'.
- Therefore, the correct answer is **option 1**.

Correct sentence: *I decided to sing a song in the interschool song competition.*

81. Answer: a

Explanation:

The correct answer is 'Chase'.

★ **Key Points**

- Let's see the **meaning** of the given options:
 - Chase: to hurry after someone or something in order to catch him.
 - Sprint: an act or short spell of running at full speed.
 - Race: a competition between runners, horses, vehicles, boats, etc., to see which is the fastest in covering a set course.
 - Rush: move with urgent haste.
- Thus, from above, we can conclude that the correct answer is **option 1**.

82. Answer: b

Explanation:

The correct answer is 'immediately'.

★ Key Points

- Let's take a look at the options:
 - **boldly**: in a confident and courageous way; showing a willingness to take risks.
 - **immediately**: at once; instantly.
 - **obediently**: in a manner that shows a willingness to comply with an order or request; submissively.
 - **faithfully**: in a loyal manner.
- '**Stopped**' is an action that happened as soon as brakes were applied, thus to fill the blank, we need an option that can express the prompt action.
- Thus, the correct answer is **option 2**.

Correct Sentence: The car stopped **immediately** when the brakes were applied.

83. Answer: d

Explanation:

The correct answer is '**intervention**'.

★ Key Points

- Let's take a look at the options:
 - **oscillations**: movement back and forth at a regular speed.
 - **exaggeration**: a statement that represents something as better or worse than it really is.
 - **intermission**: a pause or break.
 - **intervention**: the action or process of intervening.
- '**But for**' is a phrase that means **if it were not for**.
- The sentence means the attack would have happened if he hadn't intervened.
- Thus, the correct answer is **option 4**.

Correct Sentence: But for his **intervention**, they would have attacked each other.

84. Answer: c

Explanation:

The correct answer is 'Opponent'.

★ Key Points

- Let's see the **meaning** of the given word and the marked answer:
 - Adversary: a country or person you are fighting or competing against.
 - Example: Like the trained warrior that I was, I knew not to oppose an **adversary** head-on.
 - Opponent: someone who competes against or fights another in a contest, game, or argument; a rival or adversary.
 - Example : Leading **opponents** of the proposed cuts in defence spending will meet later today.
- Thus, from the above explanation, it can be seen that the possible synonym for the word 'Adversary' is 'Opponent'.

★ Additional Information

- Let's see the **meaning** of the other options as well:
 - **Uniform** : the same; not changing or different in any way
 - Companion: someone or something you spend a lot of time with or travel with, or a friend who lives with you.
 - Prudent: acting with or showing care and thought for the future.

85. Answer: b

Explanation:

The correct answer is 'protect'.

★ Key Points

- Let's take a look at the options:
 - care: the provision of what is necessary for the health, welfare, maintenance, and protection of someone or something.
 - protect: keep safe from harm or injury.
 - defend: resist an attack made on (someone or something); protect from harm or danger.
 - neglect: fail to care for properly.
- The sentence talks about saving oneself from rain by wearing a raincoat. Thus, the word ' **protect** ' express the meaning correctly and hence will be used in the sentence.
- **Defend** is used for **danger or an attack that is actual or threatening** . Thus, it is **not appropriate** in the given context.
- Thus, the correct answer is **option 2**.

Correct Sentence: *We can **protect** ourselves from the rain by wearing a raincoat.*

86. Answer: a

Explanation:

The correct answer is 'Rise very high '.

★ Key Points

- **Go through the roof** : to rise to a very high level.
 - **Example:** Prices have **gone through the roof**.
- Thus, from above we can say that the correct answer is **option 1**.

87. Answer: d

Explanation:

The correct answer is 'Together', i.e. it is the incorrectly spelt word.

★ Key Points

- Let's take a look at the options:
 - **Render:** cause to be or become; make.
 - **Gnaw:** bite at or nibble something persistently.
 - **People:** human beings in general or considered collectively.
 - **Together:** There is no such word in the dictionary, the correct spelling is '**Together**' which means **with or in proximity to another person or people**.
- Thus, the correct answer is **option 4**, i.e. it is the incorrectly spelt word.

88. Answer: d

Explanation:

The correct answer is 'for'.

★ Key Points

- The error lies in the incorrect usage of preposition.
- The given sentence is an example of the **present** perfect continuous sentence.
- Present perfect continuous tense: The present perfect continuous tense (also known as the present perfect progressive tense) shows that something started in the past and is continuing at the present time.
 - Structure :
 - has/have been + the present participle (root + -ing).
 - Example : I **have been reading** War and Peace **for** a month now.
- The word '**for**' is used to show **a period of time** whereas '**since**' is used to refer to **a point of time**.
- **For Examples:**
 - We lived there **for** five years.
 - He has been away **since** Monday.
- **For/since** are generally used in the present perfect continuous sentence.
- Thus, the usage of 'during' is incorrect. it needs to be replaced with 'for'.
- Therefore, the correct answer is **option 4**.

Correct sentence: *They have been living here **for** ten years.*

★ Additional Information

- Preposition: a word governing, and usually preceding, a noun or pronoun and expressing a relation to another word or element in the clause.
-

89. Answer: c

Explanation:

The correct answer is '**Adjust quickly to changes and make fast decisions**'.

★ Key Points

- **Think on your feet** : to make a quick decision or give an answer quickly; react to events decisively, effectively, and without prior thought.
 - Example: I'd never heard about the company before, so I had to **think on my feet**.
 - Thus, from above we can say that the correct answer is **option 3**.
-

90. Answer: c

Explanation:

The correct answer is '**furous**', i.e. it is the incorrectly spelt word.

★ Key Points

- Let's take a look at the options:
 - Joyous: full of happiness and joy.
 - Zealous: having or showing zeal.
 - Furous: There is no such word in the dictionary, the correct spelling is '**Furious**' which means **extremely angry**.
 - Nervous: easily agitated or alarmed; tending to be anxious; highly strung.
- Thus, the correct answer is **option 3**, i.e. it is the incorrectly spelt word.

91. Answer: b

Explanation:

The correct answer is 'for morning', i.e. the error lies in this part of the sentence.

★ Key Points

- The error lies in the incorrect usage of **preposition**.
- The given sentence is an example of the **past perfect continuous sentence**.
- **Past perfect continuous tense:** The past perfect continuous tense (also known as the past perfect progressive tense) shows that an action that started in the past continued up until another time in the past.
 - **Structure :**
 - had been + the verb's present participle (root + -ing).
 - **Example :** The program that was terminated had been working well since 1945.
 - **'For'** as a preposition is used to express a period of time, be it in the past, present or future whereas **'since'** as a preposition is used to express the origin of action.
 - **Example:**
 - He worked here **for** six months.
 - He has been working here **since** 2015.
- Thus, the usage of **'for'** is incorrect. it needs to be replaced with **'since'**.
- Therefore, the correct answer is **option 2**.

Correct sentence: *Had you not been playing with a ball since morning?*

★ Additional Information

- **Preposition:** a word governing, and usually preceding, a noun or pronoun and expressing a relation to another word or element in the clause.

92. Answer: d

Explanation:

The correct answer is 'was'.

★ Key Points

- The error lies in the incorrect usage of a plural verb with a singular subject.
- **Subject-verb agreement:** It expresses an agreement between subject and verb. According to it, when the subject is singular, the verb will be singular and when the subject is plural, the verb will also be plural.
 - **Example :**
 - He **is** playing in the garden.
 - They **are** playing in the garden.
- 'Everybody' is a singular subject, thus the usage of the plural verb '**were**' is incorrect.
- Thus, it needs to be replaced with '**was**'.
- Therefore, the correct answer is **option 4**.

Correct sentence: *Everybody**was**going to see the circus.*

93. Answer: d

Explanation:

The correct answer is '**doesn't she**'.

★ Key Points

- The error lies in the incorrect usage of the verb in the question tag.
- The given sentence is an example of the simple present tense .
- Present tense: The simple present tense is used to express an action that is happening right now, or when it happens regularly (or unceasingly, which is why it's sometimes called present indefinite).
- Structure :
 - Subject+ do/does+ the first form of verb+ object.

- Example :
 - They do plan to go on vacation.
 - She enjoys playing piano.
- **Question tag:** A tag question is a special construction in English. It is a statement followed by a mini-question. We use tag questions to ask for confirmation. They mean something like: "Is that right?" or "Do you agree?"
- The question tag **generally corresponds to the verb in the sentence followed by the subject of the sentence.**
- The given sentence is in **present tense and the corresponding verb with it is 'does'.**
- If the statement is negative, we use a positive question tag. If the statement is positive, we use a negative question tag.
- **For Examples:**
 - The trains are never on time, **are they ?**
 - It was raining that day, **wasn't it ?**
- Therefore, **'isn't it'** needs to be replaced with **'doesn't she'.**
- Therefore, the correct answer is **option 4.**

Correct sentence: An educated lady makes a better mother than an uneducated lady, doesn't she ?

94. Answer: b

Explanation:

The correct answer is 'Confuse'.

★ Key Points

- Let's see the **meaning** of the given word and the marked answer:
 - Baffle: to confuse, bewilder, perplex, or confound.
 - Example: The question **baffled** me completely.
 - Confuse: cause (someone) to become bewildered or perplexed.
 - Example : I understand the text but the diagrams are **confusing** me.

- Thus, from the above explanation, it can be seen that the possible synonym for the word 'Baffle' is 'Confuse'.

★ Additional Information

- Let's see the **meaning** of the other options as well:
 - **Simplify** : make (something) simpler or easier to do or understand.
 - **Clarify**: make (a statement or situation) less confused and more clearly comprehensible.
 - **Distinguish**: manage to discern (something barely perceptible).

95. Answer: d

Explanation:

The correct answer is 'Pendant'.

★ Key Points

- Let's see the **meaning** of the given options:
 - **Diamond**: a precious stone consisting of a clear and colorless crystalline form of pure carbon, the hardest naturally occurring substance.
 - **Earring**: a piece of jewelry worn on the lobe or edge of the ear.
 - **Ring**: a small circular band, typically of precious metal and often set with one or more gemstones, worn on a finger as an ornament or a token of marriage, engagement, or authority.
 - **Pendant**: a piece of jewelry that hangs from a chain worn around the neck.
- Thus, from above, we can conclude that the correct answer is **option 4**.

96. Answer: c

Explanation:

The correct answer is '**valiant**'.

★ Key Points

- *King Priam of Troy was old and weak, but his son Hector was a (1) _____ and noble young man.*
- If we take a look at the sentence the presence of '**but**' demands a word that is **opposite to the adjective 'old and weak'**.
- Let's take a look at the options:
 - **timid**: showing a lack of courage or confidence; easily frightened.
 - **feeble**: lacking physical strength, especially as a result of age or illness
 - **valiant**: possessing or showing courage or determination.
 - **meek**: quiet, gentle, and easily imposed on; submissive.
- Only **option 3** fulfills the demand, i.e. the correct answer is '**valiant**'.

Correct Passage: *King Priam of Troy was old and weak, but his son Hector was a (1) **valiant** and noble young man. Hector had sensed (2) _____ when his brother had brought Helen to Troy. He (3) _____ that he must fight for his family but (4) _____ the circumstances that had set hero against hero. The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.*

97. Answer: b

Explanation:

The correct answer is 'danger'.

★ Key Points

- *Hector had sensed (2) _____ when his brother had brought Helen to Troy.*
- Let's take a look at the options:
 - **limit**: a point or level beyond which something does not or may not extend or pass.
 - **danger**: the possibility of suffering harm or injury.
 - **climax**: the most intense, exciting, or important point of something; a culmination or apex.

- warning: a statement or event that indicates a possible or impending danger, problem, or other unpleasant situation.
- The most appropriate option would be in blank 2 would be 'danger'.
- Thus, the correct answer is Option 2.

Correct Passage: King Priam of Troy was old and weak, but his son Hector was a (1)valiant and noble young man. Hector had sensed (2)danger when his brother had brought Helen to Troy. He (3) _____ that he must fight for his family but (4) _____ the circumstances that had set hero against hero. The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.

98. Answer: c

Explanation:

The correct answer is 'knew'.

★ Key Points

- He (3) _____ that he must fight for his family
- If we take a look at the passage, it is in **the simple past tense**. Thus, the most appropriate option for blank 3 is 'knew'.
- Thus, the correct answer is **option 3**.

Correct Passage: King Priam of Troy was old and weak, but his son Hector was a (1)valiant and noble young man. Hector had sensed (2)danger when his brother had brought Helen to Troy. He (3) knew that he must fight for his family but (4) _____ the circumstances that had set hero against hero. The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.

★ Additional Information

- **Past tense:** It represents an action which started in past, finished in past and has no relation to the present.
 - **Structure:**
 - Subject+ The second form of verb.

- **Example:** He **went** to the market yesterday.

99. **Answer: a**

Explanation:

The correct answer is 'rued'.

★ Key Points

- *but (4) _____ the circumstances that had set hero against hero.*
- Let's take a look at the options:
 - **rued:** bitterly regret (something one has done or allowed to happen).
 - **pined:** suffer a mental and physical decline, especially because of a broken heart.
 - **cried:** shed tears, typically as an expression of distress, pain, or sorrow.
 - **wept:** shed tears.
- The sentence wants to express that Hector knew that he needed to fight for his family but he also regretted that the circumstances had set a hero against a hero.
- Therefore, the correct answer is **option 1.**

Correct Passage: King Priam of Troy was old and weak, but his son Hector was a (1)valiant and noble young man. Hector had sensed (2)danger when his brother had brought Helen to Troy. He (3) knew that he must fight for his family but (4)rued the circumstances that had set hero against hero. The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.

100. **Answer: d**

Explanation:

The correct answer is 'principal'.

★ Key Points

- The (5) _____ warriors on the Trojan side were Achilles, Aeneas and Agamemnon.
- Let's take a look at the options:
 - highest: extending above the normal or average level.
 - absolute: not qualified or diminished in any way; total.
 - maximum: as great, high, or intense as possible or permitted.
 - principal: first in order of importance; main.
- The sentence mentions the main warriors of the Trojan side.
- Therefore, the correct answer is **option 4**.

Correct Passage: King Priam of Troy was old and weak, but his son Hector was a (1)valiant and noble young man. Hector had sensed (2)danger when his brother had brought Helen to Troy. He (3) knew that he must fight for his family but (4)rued the circumstances that had set hero against hero. The (5) principa warriors on the Trojan side were Achilles, Aeneas and Agamemnon.

Your Personal Exams Guide