

Prepp

Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPS



UPTET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

SSC GD Constable 2021 (English) Prev. Year Paper (25-Nov-2021) (Shift 3)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

Instructions

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

- 1.) A total of 90 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

General Intelligence and Reasoning

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

625 : 25 :: ? : 35

- a. 1025
- b. 875
- c. 756
- d. 927

2. Seven friends are sitting on a circular table facing the centre. A sits second to the left of B. C sits between B and G. D sits second to the left of C. E who sits second to the right of G sits between A and F. Who sits second to the left of G? (+1, -0.25)

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

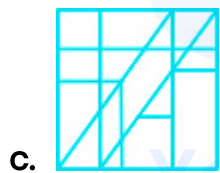
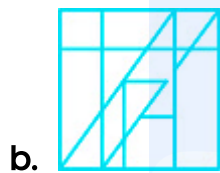
3. Four friends K, L, M and N are sitting in a row, and they are facing south. L and M are sitting at two extreme ends. K sits between L and N and is second to the right of M. Who sits immediate left of K? (+1, -0.25)

- a. L
- b. M

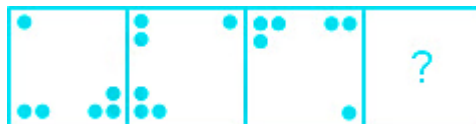
c. K

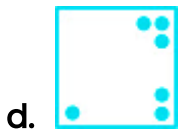
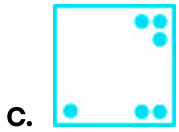
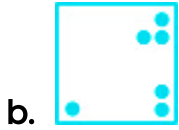
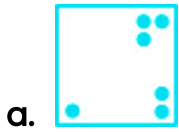
d. N

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

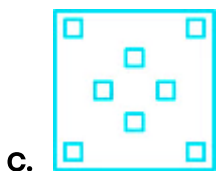
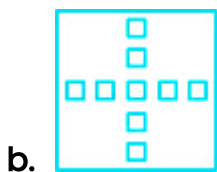
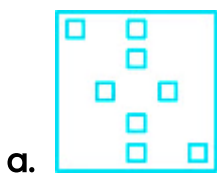


5. Select the figure from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)





6. 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)





d.

7. Four sets of letters are given out of which three are alike in some way and one is different. Select the alphabet that is different. (+1, -0.25)

- a. TVX
- b. GJL
- c. BDF
- d. PRT

8. Read the given statements and conclusions carefully. Consider the given information in the statements to be true, even if it seems to be at variance from commonly known facts, and decide which of the given conclusions logically follows from the given statements. . (+1, -0.25)

Statements:

All lyricists are morning walkers.

No accountant is graduate.

All morning-walkers are accountants.

Conclusions:

I. No lyricist is graduate.

II. Some lyricists are graduates.

- a. Only conclusion II follows.

- b. Only conclusion I follows.
 - c. Neither conclusion I nor II follow.
 - d. Either conclusion I or II follows.
-

9. In a certain code language, GRAPES is written as 66. How will PRAISE be written in the same language? (+1, -0.25)

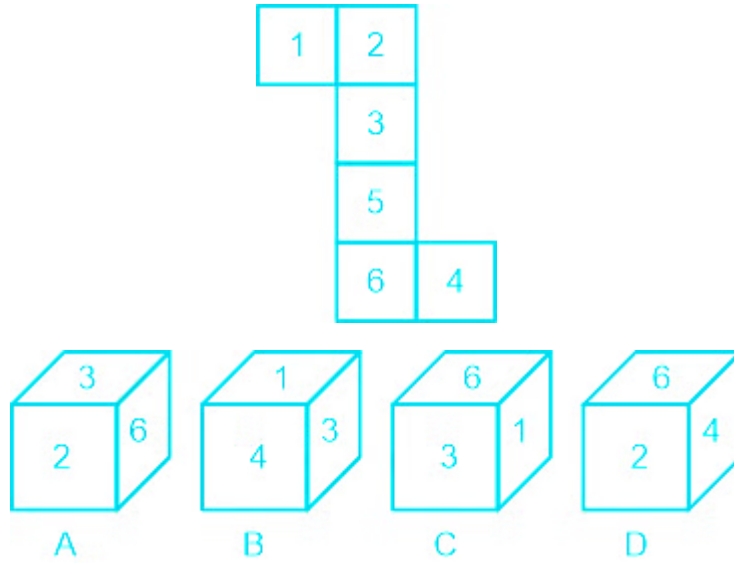
- a. 69
 - b. 66
 - c. 67
 - d. 68
-

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

3, 4, 8, 17, 33, ?

- a. 58
 - b. 56
 - c. 49
 - d. 69
-

11. Select the box which can be obtained by folding the following sheet(s) on the lines. (+1, -0.25)



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

12. If '+' and '-' and the numbers '5' and '7' (**not a digit**) are interchanged, then (+1, -0.25) what will be the value of the following expression?

$$18 - 20 \div 7 \times (15 + 5) + 3$$

- a. 12
- b. 28
- c. 35
- d. 47

13. There are 8 members P, Q, R, S, T, U, V and W are in a joint family. Q is brother of S. V is son of Q and R. S is brother of U. W is daughter of S and T. P is the wife of V. How is R related to P? (+1, -0.25)

- a. Aunt
- b. Mother-in-law
- c. Sister
- d. Mother

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

- 1. Nebulous
- 2. Necessary
- 3. Necrosis
- 4. Nectarine
- 5. Negative

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

15. Select the option that has the relation between the given numbers, which is among the numbers in the given set. (+1, -0.25)

145, 5, 29

- a. 180, 16, 30
 - b. 160, 20, 6
 - c. 224, 14, 16
 - d. 125, 10, 15
-

16. A profit of 12% was made by selling a television for Rs. 8,820. If the television is sold at a loss of 24%, then what will be its selling price? (+1, -0.25)

- a. Rs. 6,205
 - b. Rs. 5,940
 - c. Rs. 5,985
 - d. Rs. 6,930
-

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

100, 96, 88, 76, 60, ?

- a. 38
 - b. 40
 - c. 35
 - d. 20
-

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

S_P_ _M_S_MP_

- a. MSPSSS
- b. PSMSSS
- c. MSSPSS
- d. PSMPPS

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

GPHD : KTLH :: SDFG : ?

- a. VHKM
- b. UHJL
- c. XGJL
- d. WHJK

20. In a certain code language, 'DECK' is coded as 'WVXP', and 'CLAIM' is coded as 'XOZRN'. How will 'MASCOT' be written in the same code language? (+1, -0.25)

- a. NZHXLG
- b. OZHXMG
- c. NZGXKG

d. NZHYKH

21. As 'Australia' is related to 'Canberra', in the same way 'France' is related to '-----' (+1, -0.25)

- a. Rome
 - b. Nusantara
 - c. Moscow
 - d. Paris
-

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

BZE, CWG, ESI, ?, LHM

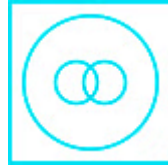
- a. HNK
 - b. HMK
 - c. GNJ
 - d. IML
-

23. In a certain code language, 'NOSE' is written as 'QPVF' and 'HAND' is written as 'KBQE'. How will 'FACE' be written in the same language? (+1, -0.25)

- a. JCEE
- b. KCFF
- c. LBFE

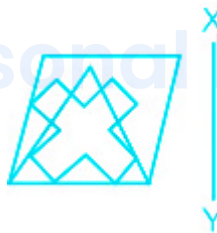
d. IBFF

24. Select the group of classes whose relationship is most appropriately represented by the following Venn diagram. (+1, -0.25)



- a. India, Asia, Bangladesh
- b. Corn, Rice, Carrots
- c. Natural Numbers, Integers, Rational Numbers
- d. Human, Male, Politician

25. Select the correct mirror image of the given figure when the mirror is placed at XY. (+1, -0.25)



- a.
- b.



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Your Personal Exams Guide

General Knowledge and General Awareness

26. Hasdeo and Jonk rivers are found in which state of India? (+1, -0.25)
- a. Arunachal Pradesh
 - b. Goa
 - c. Chhattisgarh
 - d. Haryana
-
27. Who among the following took away the famous Koh-i-Noor diamond and Shah Jahan's jewel-studded Peacock Throne? (+1, -0.25)
- a. Muhammad Shah
 - b. Ranjeet Singh
 - c. Shah Alam II
 - d. Nadir Shah
-
28. The last Sunga ruler was assassinated by his minister Vasudeva, who later founded the _____ dynasty. (+1, -0.25)
- a. Korvi
 - b. Kanva
 - c. Kakatiya
 - d. Kalchuri
-

29. Which of the following battles were fought during the period 1845–46 AD? (+1, -0.25)
- a. First Anglo–Sikh War
 - b. First Anglo–Maratha War
 - c. Second Anglo–Maratha War
 - d. Second Anglo–Sikh War
-

30. The SpaceX Crew Dragon spacecraft that was launched into orbit in November 2020 was named by its crew. (+1, -0.25)
- a. Persistence
 - b. Resilience
 - c. Endurance
 - d. Perseverance
-

31. It deals with Section 304B of the Indian Penal Code. (+1, -0.25)
- a. Attempt to commit suicide
 - b. Abetment of suicide
 - c. Death by negligence
 - d. Dowry murder
-

32. After whom is the Salt Lake Stadium in Kolkata named? (+1, -0.25)

- a. Netaji Subhash Chandra Bose
 - b. Swami Vivekananda
 - c. Gosto Paul
 - d. Jyoti Basu
-

33. In May 2021, the International Olympic Committee named him as the athlete ambassador for its 'Believe in Sport' campaign aimed at preventing manipulation of the competition. (+1, -0.25)

- a. P. V. Sindhu
 - b. Manika Batra
 - c. Mary Kom
 - d. Saikhom Mirabai Chanu
-

34. Chilka Lake which is the largest brackish water lake in India is located in which state? (+1, -0.25)

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

35. In which of the following states two Ayurveda Institutes were started on the 5th Ayurveda Day? (+1, -0.25)

- a. Rajasthan and Gujarat
 - b. Maharashtra and Karnataka
 - c. Punjab and Haryana
 - d. Uttar Pradesh and Andhra Pradesh
-

36. Which of the following words is not included in the Preamble of the Constitution of India? (+1, -0.25)

- a. Sovereign
 - b. Justice
 - c. Fraternity
 - d. Capitalist
-

37. Which state government had launched the 'Jagananna Thodo' scheme in November 2020 to provide interest-free loans to small traders and artisans? (+1, -0.25)

- a. Andhra Pradesh
 - b. Kerala
 - c. Telangana
 - d. West Bengal
-

38. Which of the following is not a poisonous plant? (+1, -0.25)

- a. Nerium Oleander

- b. Calotropis
 - c. Parthenium
 - d. Dresina
-

39. Which of the following microorganism causes citrus canker? (+1, -0.25)

- a. Virus
 - b. Bacteria
 - c. Fungus
 - d. Protozoa
-

40. In which year did Prime Minister Narendra Modi announce demonetisation in India? (+1, -0.25)

- a. 2018
 - b. 2016
 - c. 2014
 - d. 2012
-

41. Which dance is performed by the Chang tribe of Nagaland to celebrate victory over enemies on the battlefield? (+1, -0.25)

- a. Cherav
- b. Chang Lo

- c. Nongkrem
 - d. Bhortal
-

42. In August 2020, the Union Government has constituted the National Council for Transgender People in exercise of the rights conferred by Section _____ of the Transgender Persons (Protection of Rights) Act, 2019. (+1, -0.25)
- a. 16
 - b. 22
 - c. 25
 - d. 18
-

43. The historical importance of 'Mahanavami Dibba' is associated with which of the following dynasty? (+1, -0.25)
- a. Chauhan
 - b. Chola
 - c. Vijayanagar
 - d. Pandya
-

44. The Cabinet Committee on Economic Affairs (CCEA) has fixed the Minimum Support Price (MSP) per quintal of wheat for the Rabi marketing period 2022-23. (+1, -0.25)
- a. Rs 2,015
-

- b. Rs 1,995
 - c. Rs 2,005
 - d. Rs 1,975
-

45. Deuterium and tritium are: (+1, -0.25)

- a. Isotopes of Hydrogen
 - b. Isotopes of Carbon
 - c. Isotopes of Uranium
 - d. Isotopes of Titanium
-

46. Which of the following monuments was built by the Khilji dynasty? (+1, -0.25)

- a. Alai Darwaza
 - b. Big dome
 - c. Shisha dome
 - d. Tomb of Safdarganj
-

47. In which year was the Jnanpith Award given for the first time? (+1, -0.25)

- a. 1957
- b. 1965
- c. 1961

d. 1963

48. According to the 2011 census, which of the following states has the sex ratio (females per 1000 males) more than 1000? (+1, -0.25)

a. Maharashtra

b. Bihar

c. Rajasthan

d. Kerala

49. Which Indian captain became the fastest cricketer to score 12000 ODI runs? He achieved this feat in 2020. (+1, -0.25)

a. Bhuvneshwar Kumar

b. Suresh Raina

c. Ravichandran Ashwin

d. Virat Kohli

50. Who was the first person to receive the Sahitya Akademi Fellowship awarded by the Government of India in 1968? (+1, -0.25)

a. C. Narayan Reddy

b. S. Radhakrishnan

c. V. S. Naipaul

d. S. L. Bhayarappa

Elementary Mathematics

51. A dairy owner sells 528 litres of milk daily in one litre packets of 3 varieties (+1, -0.25)
– full cream, toned and double toned. Sales of toned milk packets are 80% higher than those of full cream milk packets, and sales of double toned milk packets are 60% lower than those of toned milk packets. How many packets of double toned milk does he sell per day?
- a. 100
 - b. 112
 - c. 108
 - d. 110
-
52. Find the ratio of the LCM of the first four prime numbers to the HCF of the first three prime numbers. (+1, -0.25)
- a. 168 : 1
 - b. 210 : 1
 - c. 6 : 1
 - d. 26 : 1
-
53. The perimeter of a circular plot is 440 m. Around it is a circular path 5 m (+1, -0.25)
wide. The area of the path (in m^2 , assuming $\pi = \frac{22}{7}$) will be approximately?
- a. 2278.6
 - b. 1822.9

- c. 2121.4
- d. 1964.3

54. What will be the value of $10 - [378 \div 6 \text{ of } 9 - (25 - 72 \div 3)]$? (+1, -0.25)

- a. 4
- b. 1
- c. 3
- d. 9

55. B takes five times the number of days taken by A to complete a piece of work. Working together, they complete the work in 15 days. In how many days will A alone complete the same work? (+1, -0.25)

- a. 20
- b. 12
- c. 18
- d. 16

56. What is the smallest number which is divisible by all the numbers from 4 to 9? (+1, -0.25)

- a. 2540
- b. 2520
- c. 1520

d. 840

57. By selling an article for Rs 2,900, a shopkeeper makes a profit of 16%. If he had sold it for Rs 3,050, what would have been his percentage profit? **(+1, -0.25)**

a. 20.5%

b. 22%

c. 21%

d. 20%

58. A wall 18 m long, 10 m high and 40 cm wide is to be constructed using bricks of dimensions 30 cm, 15 cm and 10 cm. How many bricks (in thousands) will be required? **(+1, -0.25)**

a. 16000

b. 16

c. 14

d. 14000

59. A and B together can do a piece of work in 24 days. B and C together can complete it in 30 days. If the efficiency of A is twice that of C, then in how many days will B alone complete the same work? **(+1, -0.25)**

a. 36

b. 40

c. 30

d. 48

60. For a certain sum of money, at 5% per annum, the difference between simple interest (SI) for 2 years and compound interest (CI) compounded annually is Rs. 25.00. Find the amount. (+1, -0.25)

a. Rs. 12,000

b. Rs. 8,000

c. Rs. 7,500

d. Rs. 10,000

61. The shopkeeper marked the price of an article in such a way that he earns a profit of 30% on its price. Then he sold it at a discount of 12% on the marked price. Find the actual percentage profit earned by him. (+1, -0.25)

a. 15.2%

b. 14.2%

c. 14.4%

d. 13.8%

62. A man bought an old item for Rs. 5,400 and spent Rs. 200 on its repair. He sold it for Rs. 6,300. What is his profit percentage? (+1, -0.25)

a. 12.5

b. 10

c. 12

d. 14

63. Find the difference between the average of the first three multiples of 3 between 10 and 20 and the average of the first 2 multiples of 4. **(+1, -0.25)**

a. 2

b. 3

c. 1

d. 4

64. A, B and C are three numbers. A is 45% more than B and C is 60% less than A. By what percent (to the nearest integer) B is more than C? **(+1, -0.25)**

a. 42%

b. 72%

c. 70%

d. 68%

65. The compound interest of a sum of Rs. 75,000 at a fixed annual rate of interest compounded on an annual basis in 2 years is Rs. 6,120. If the interest is compounded quarterly, what will be the sum of Rs. 1,00,000 received after one year at the same rate of interest (in Rs., up to two places of decimal)? **(+1, -0.25)**

a. 1,04,060.40

b. 1,00,400.60

c. 1,06,040.20

d. 1,40,060.50

66. What is the value of $72 - [20 - \{10 - (6 - \overline{6 - 4})\}]$? (+1, -0.25)

a. 48

b. 58

c. 44

d. 56

67. A man crosses a bridge 1000 m long in 6 min. What is his speed (in km/h)? (+1, -0.25)

a. 8

b. 16

c. 10

d. 12

68. A certain sum of money, in 4 years at the same rate of simple interest per annum, amounts to Rs. 12,420 and in 7 years Rs. 14,985. How much is that amount? (+1, -0.25)

a. 9,000 Rs.

b. 8,400 Rs.

c. 9,500 Rs.

d. 8,800 Rs.

69. If bananas are sold at a price of Rs. 10 per banana instead of Rs. 7 per banana, then the difference between the selling prices of some bananas is Rs. 990. If the cost price of all the bananas is Rs. 1,980, and if the profit earned is 18%, then what will be the selling price (in Rs.) of the ten bananas? (+1, -0.25)
- a. 90.20
 - b. 70.80
 - c. 99.00
 - d. 60.00

-
70. If $A : B = 8 : 9$ and $B : C = 12 : 55$, then what is the value of $A : B : C$? (+1, -0.25)
- a. 32 : 36 : 165
 - b. 32 : 165 : 36
 - c. 32 : 36 : 156
 - d. 36 : 32 : 165

-
71. If 51, x , 72 and 96 are proportional, then what will be the mean ratio between $(2x + 8)$ and $(x + 13)$? (+1, -0.25)
- a. 112
 - b. 117
 - c. 96
 - d. 108

72. Two trains A and B of equal length are running on parallel tracks in the same direction with speeds of 64.8 km/h and 50.4 km/h respectively. Train A crosses train B in one minute. Find the length (in m) of each train. (+1, -0.25)

- a. 150
- b. 125
- c. 100
- d. 120

73. The average weight of 23 students was recorded as 53 kg. On including the weight of a teacher, the average weight increased by 100 g. Find the weight (in kg) of the teacher. (+1, -0.25)

- a. 55.8
- b. 56.4
- c. 55.4
- d. 56.2

74. Shopkeeper A, Rs 500. gives two successive discounts of 8% and 12% on the marked price of Rs. Another shopkeeper B allows a single discount of 20% on an article of the same marked price. Find the difference in their selling prices. (+1, -0.25)

- a. 4.40 Rs.
- b. 4.80 Rs.
- c. 3.20 Rs.

d. 5.20 Rs.

75. An amount of Rs. 7,800 is divided into A, B and C such that B's share belongs to $\frac{1}{3}$ of A's share and C's share is 20% more than B's share. Find the share of A. (+1, -0.25)

a. Rs. 4,500

b. Rs. 2,500

c. Rs. 1,500

d. Rs. 3,000

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Your Personal Exams Guide

English

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

Philip was / too proud / for extending / a hand of friendship.

- a. a hand of friendship
- b. Philip was
- c. for extending
- d. too proud

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

Since he is strong, he is quite timid.

- a. Although
- b. No improvement required
- c. Because
- d. Besides

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

The _____ cannot be a panacea for all respiratory infections.

- a. healing

- b. care
 - c. diagnosis
 - d. treatment
-

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

The action of killing oneself intentionally

- a. Homicide
 - b. Parricide
 - c. Suicide
 - d. Genocide
-

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

Amiable

- a. Honest
 - b. Dishonest
 - c. Friendly
 - d. Disagreeable
-

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

- a. Progress

- b. Vicious
 - c. Accuse
 - d. Acclame
-

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

The teacher punished him / and told him / that he does not / need to give a clarification.

- a. need to give a clarification
 - b. The teacher punished him
 - c. and told him
 - d. that he does not
-

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

- a. Pronunciation
 - b. Prolong
 - c. Procrastination
 - d. Proactivity
-

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

If you do not pay your _____ you will be imprisoned.

- a. debit

- b. debt
 - c. damage
 - d. deed
-

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

Aggressive

- a. Sharp
 - b. Calm
 - c. Excited
 - d. Simple
-

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

Blue blood

- a. Noble birth
 - b. Bad mood
 - c. Weak person
 - d. Rare sight
-

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

Lack of feeling

- a. Sympathy
 - b. Apathy
 - c. Telepathy
 - d. Empathy
-

88. Parts of the given sentence have been given as options. One of them contains a grammatical error. Select the option that has the error. (+1, -0.25)

Go to the ninth block on the left-hand side and take a sharpest turn to reach Bunny's house on the right.

- a. on the right
 - b. Go to the ninth block
 - c. Bunny's house
 - d. take a sharpest turn
-

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

Immerse

- a. Immediate
 - b. Immoral
 - c. Submission
 - d. Submerge
-

90. 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)

Skydiving was a rare opportunity that I had got, so, even though I was exhausted, I decided to go for it.

- a. No substitution required
- b. as yet though
- c. still even if
- d. so despite however

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

He has been _____ in his performance throughout.

- a. conducive
- b. connotative
- c. consistent
- d. constructive

92. 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)

The interviews will be held between 11 a.m. to 5 p.m.

- a. will be held from

- b. will be held at
 - c. No substitution required
 - d. will hold during
-

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

Gift of the gab

- a. Ability to draw sketches
 - b. Ability to please others
 - c. Ability to speak confidently and clearly
 - d. Ability to speak in a sarcastic tone
-

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

Frivolous

- a. Wise
 - b. Quiet
 - c. Idle
 - d. Petty
-

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

A person who takes care of cattle

- a. Gardener
- b. Cowherd
- c. Guard
- d. Landlord

96. Comprehension:

(+1, -0.25)

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The human skeleton is the (1) _____ framework of our body. It gives shape and support to the body. (2) _____, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an (3) _____ part of our body. The ribcage protects our lungs and heart. To increase the (4) _____ of our bones, we should include calcium in our diet. All our (5) _____ organs are protected by this skeletal system.

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

- a. external
- b. superficial
- c. internal
- d. middle

97. Comprehension:

(+1, -0.25)

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each

blank.

The human skeleton is the (1)_____ framework of our body. It gives shape and support to the body. (2)_____, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an (3)_____ part of our body. The ribcage protects our lungs and heart. To increase the (4)_____ of our bones, we should include calcium in our diet. All our (5)_____ organs are protected by this skeletal system.

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

- a. Besides
- b. Unless
- c. Beside
- d. Although

98. Comprehension:

(+1, -0.25)

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The human skeleton is the (1)_____ framework of our body. It gives shape and support to the body. (2)_____, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an (3)_____ part of our body. The ribcage protects our lungs and heart. To increase the (4)_____ of our bones, we should include calcium in our diet. All our (5)_____ organs are protected by this skeletal system.

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

- a. important

- b. eternal
- c. alert
- d. insignificant

99. Comprehension:

(+1, -0.25)

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The human skeleton is the (1)_____ framework of our body. It gives shape and support to the body. (2)_____, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an (3)_____ part of our body. The ribcage protects our lungs and heart. To increase the (4)_____ of our bones, we should include calcium in our diet. All our (5)_____ organs are protected by this skeletal system.

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

- a. value
- b. length
- c. strength
- d. ability

100. Comprehension:

(+1, -0.25)

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The human skeleton is the (1)_____ framework of our body. It gives shape and support to the body. (2)_____, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an (3)_____ part of our body. The ribcage protects our lungs and heart. To increase the (4)_____ of our bones, we should include calcium in our diet. All our (5)_____ organs are protected by this skeletal system.

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

- a. fundamental
- b. secret
- c. secondary
- d. vital



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Answers

1. Answer: b

Explanation:

The logic followed here is :-

Product of extremes = Product of means

$$\Rightarrow a : b = c : d$$

$$\Rightarrow ad = bc$$

Given $625 : 25 :: ? : 35$

Consider $625 : 25 :: X : 35$

$$\Rightarrow 625 \times 35 = 25 \times X$$

$$\Rightarrow 25X = 21875$$

$$\Rightarrow X = 21875 / 25$$

$$X = 875$$

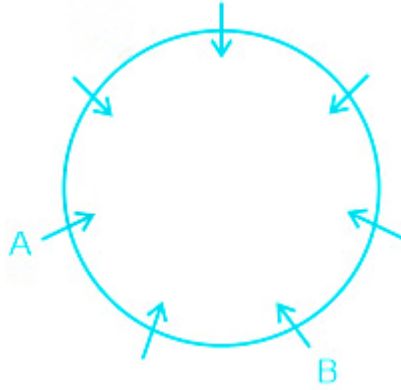
Hence, the correct answer is "875".

2. Answer: d

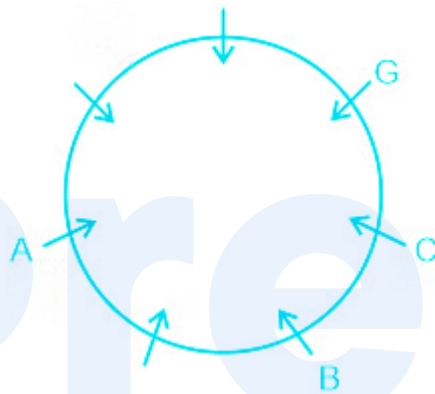
Explanation:

Seven friends are sitting on a circular table facing the centre.

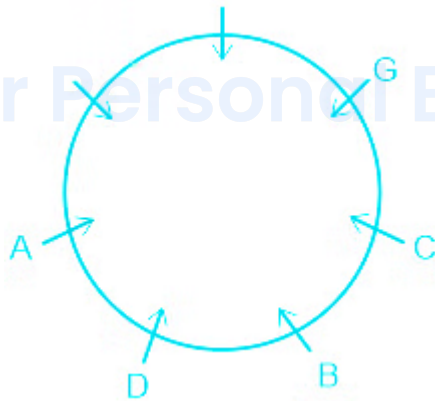
1) A sits second to the left of B.



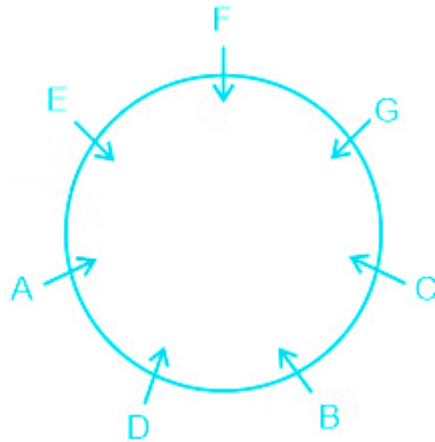
2) C sits between B and G.



3) D sits second to the left of C.



4) E who sits second to the right of G sits between A and F.



∴ Here, 'B' sits second to the left of G.

Hence, the correct answer is "B".

3. Answer: d

Explanation:

Four friends K, L, M and N are sitting in a row, and they are facing south.

1) L and M are sitting at two extreme ends.

Case (i) :



Case (ii) :



2) K sits between L and N and is second to the right of M.



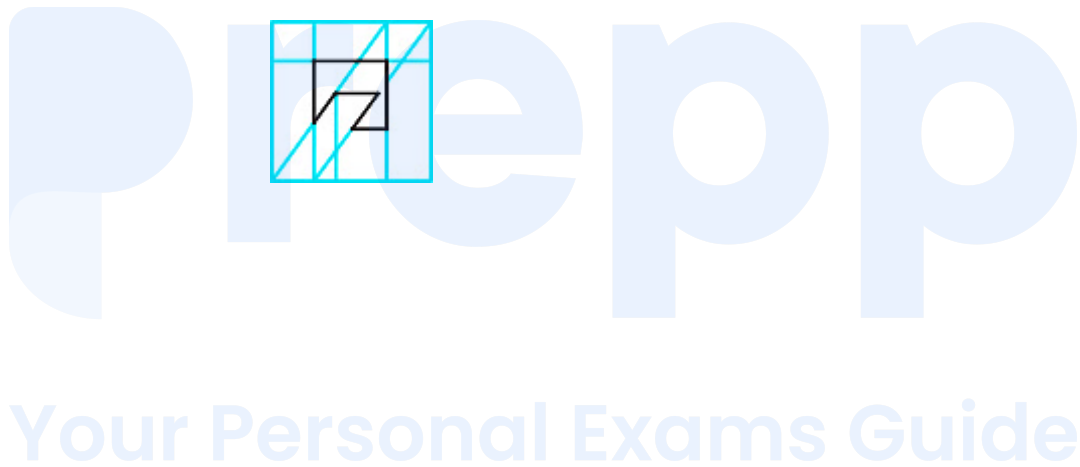
∴ Here, 'N' is sitting immediate left of K.

Hence, the correct answer is "N".

4. Answer: b

Explanation:

The image embedded in given figure is as shown below :



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

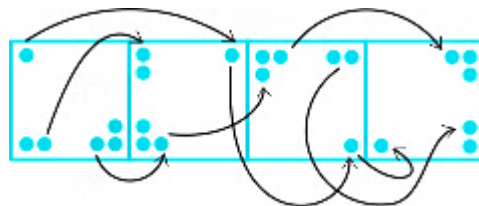
Hence, the correct answer is "Option 2".

5. Answer: d

Explanation:

The pattern follows here is:

- One dot, two dots, three dots moves one step in clockwise from figure to figure.

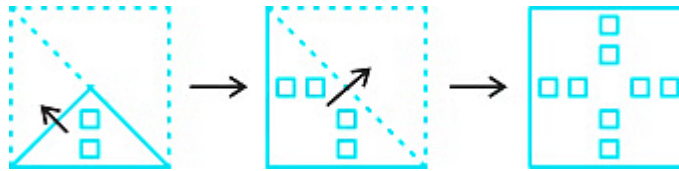


Hence, the correct answer is "Option 4".

6. Answer: d

Explanation:

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



Hence, the correct answer is "Option 4".

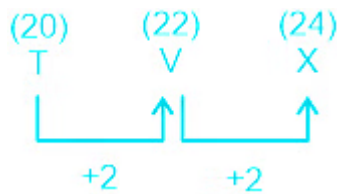
7. Answer: b

Explanation:

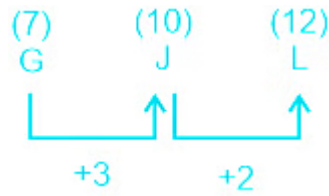
The logic followed here is :-

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

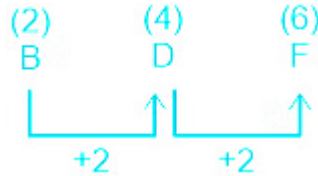
1) TVX



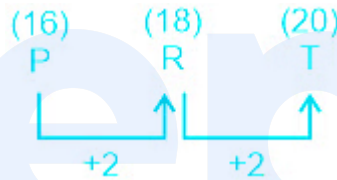
2) GJL



3) BDF



4) PRT



∴ Here, 'GJL' is different from other three alternatives.

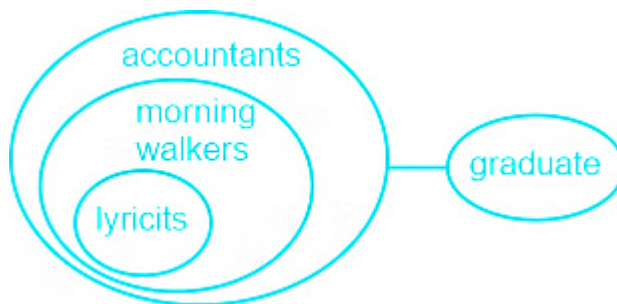
Hence, the correct answer is "GJL".

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8. Answer: b

Explanation:

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



Conclusion:

I. No lyricist is graduate \rightarrow True (As All lyricists are morning walkers and All morning-walkers are accountants and No accountant is graduate so, No lyricist is graduate is true)

II. Some lyricists are graduates \rightarrow False (As All lyricists are morning walkers and All morning-walkers are accountants and No accountant is graduate so, Some lyricists are graduates is false)

\therefore Here, Only Conclusion I is true.

Hence, the correct answer is "Only Conclusion I follows".

9. Answer: d

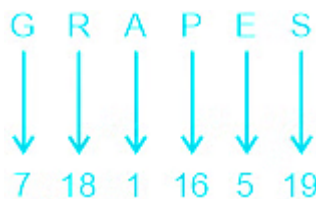
Explanation:

The logic followed here is :-

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

Sum of alphabet positional values.

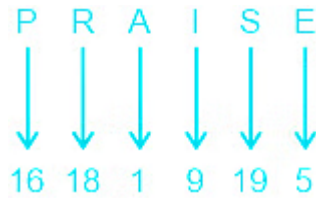
GRAPES is coded as 66 :



$\Rightarrow 7 + 18 + 1 + 16 + 5 + 19 = 66$

Similarly,

PRAISE will be coded as :



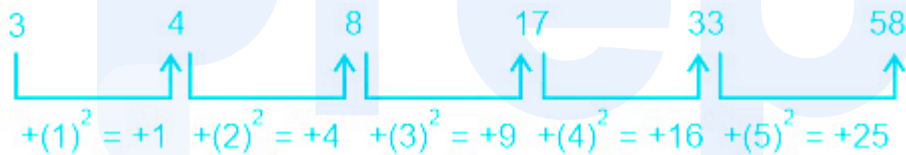
$\Rightarrow 16 + 18 + 1 + 9 + 19 + 5 = 68$

Hence, the correct answer is "68".

10. Answer: a

Explanation:

The logic followed here is :-



Hence, the correct answer is "58".

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11. Answer: d

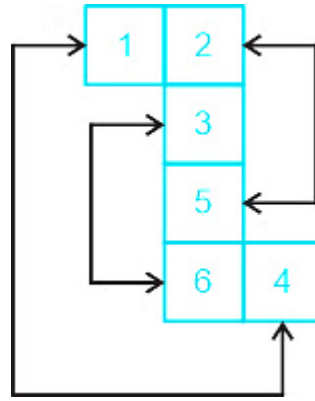
Explanation:

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

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

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

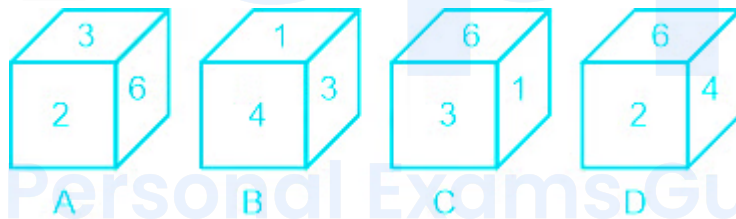
In the given figure, Opposite faces are :



Numbers	Opposite faces
1	4
2	5
3	6

- Note :- Two opposite face are never seen together or adjacent to each other.

Given :



- In figure (A) : 3 and 6 are opposite faces but here they are seen together which is wrong. Thus this cube cannot be made.
- In figure (B) : 1 and 4 are opposite faces but here they are seen together which is wrong. Thus this cube cannot be made .
- In figure (C) : 3 and 6 are opposite faces but here they are seen together which is wrong. Thus this cube cannot be made .
- In figure (D) : None of the opposite faces are seen together nor they are adjacent to each other so, This cube can be formed.

∴ Here, Only cube D is formed.

Hence, the correct answer is "Only D".

12. Answer: d

Explanation:

By using BODMAS RULE :

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

Signs + and - are interchanged.

Numbers 5 and 7 are interchanged.

Given equation : $18 - 20 \div 7 \times (15 + 5) + 3$

After interchanging symbols + and -, numbers 5 and 7 the equation is as follows :

$$= 18 + 20 \div 5 \times (15 - 7) - 3$$

$$= 18 + 20 \div 5 \times 8 - 3$$

$$= 18 + 4 \times 8 - 3$$

$$= 18 + 32 - 3$$

$$= \underline{50 - 3}$$

$$= 47$$

Hence, the correct answer is "47".






13. Answer: b

Explanation:

Family Chart :

Prepp

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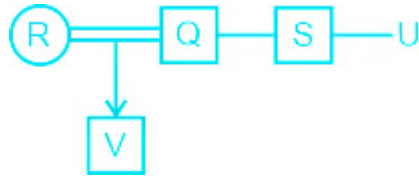
Symbol in Diagram	Meaning
	Female
	Male
	Married Couple
	Siblings
	Difference of A Generation

Family Tree:

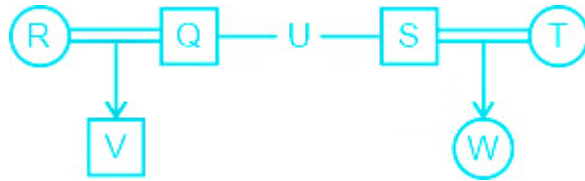
1) Q is brother of S and S is brother of U.



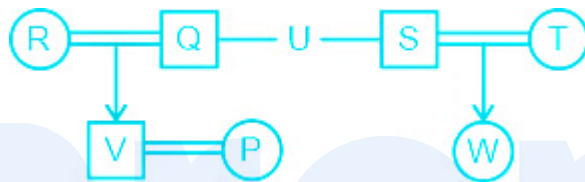
2) V is son of Q and R.



3) W is daughter of S and T.



4) P is the wife of V.



∴ Here, 'R' is mother-in-law of 'P'.

Hence, the correct answer is "Mother-in-law".

14. Answer: a

Explanation:

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

The two letters N and E are common in all words, so we will start from third letter from starting.

1. Nebulous
2. Necessary
3. Necrosis
4. Nectarine

5. Negative

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

15. Answer: c

Explanation:

The logic followed here is :-

First number = Second number \times Third number.

145, 5, 29

- $5 \times 29 = 145$

Similarly,

224, 14, 16

- $14 \times 16 = 224$

Hence, the correct answer is "224, 14, 16".

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16. Answer: c

Explanation:

Let us consider Cost price of television (X) = 100%.

Given Television is sold at Rs. 8,820 at a profit of 12%.

$$\Rightarrow 112\% = 8,820/-$$

$$\Rightarrow 1\% = 8,820/112$$

$$\Rightarrow 1\% = 78.75/-$$

$$\Rightarrow 100\% = 7875/-$$

$$\therefore \text{Here cost price of television} = 7875/-$$

If the television is sold at 24% loss then the selling price of television will be :

$$\text{Selling price of television sold at 24\% loss} = 100\% - 24\% = 76\%$$

$$\text{Selling price at 24\% loss} = 7875 \times 76\%$$

$$\text{Selling price at 24\% loss} = 7875 \times (76/100)$$

$$\text{Selling price at 24\% loss} = 7875 \times 0.76$$

$$\text{Selling price at 24\% loss} = 5985/-$$

★ Alternate Method

Given :

CP = Cost Price

Selling Price = SP_1 and SP_2

$$SP_1 = 8,820/-$$

$$SP_2 = ?$$

Formula used :

$$\text{Loss\%} = [(CP - SP)/CP] \times 100$$

Calculation :

$$SP_1 = 112\% \text{ of CP}$$

$$\Rightarrow 8,820 = 112\% \text{ of CP}$$

$$\Rightarrow CP = 7,875/-$$

If loss is 24% then selling price = 76% of 7875/-

$$\Rightarrow SP_2 = 0.76 \times 7875$$

$$\Rightarrow SP_2 = 5985/-$$

\therefore Here, the selling price of television at 24% loss is 5985/-.

Hence, the correct answer is "Rs. 5,985".

17. Answer: b

Explanation:

The logic followed here is :-



Hence, the correct answer is "40".

18. Answer: c

Explanation:

Given :- S_P_ _M_S_MP_

By checking options and substituting accordingly.

1) MSPSSS \rightarrow S M P S - P M S S - S M P S

2) PSMSSS \rightarrow S P P S - M M S S - S M P S

3) MSSPSS \rightarrow S M P S - S M P S - S M P S

- Here SMPS is repeated.

4) PSMPPS \rightarrow S P P S - M M P S - P M P S

Option (3) gives a pattern of : **S M P S - S M P S - S M P S**.

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

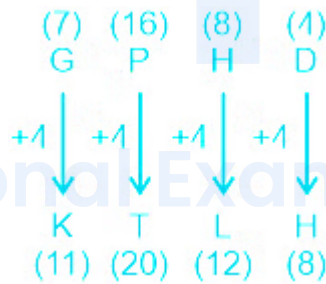
19. Answer: d

Explanation:

The logic followed here is :-

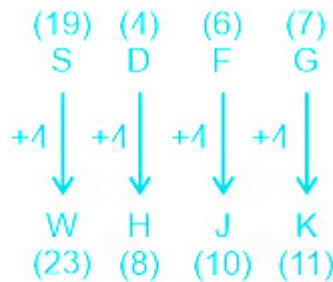
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

GPHD : KTLH



Similarly,

SDFG : ?



Hence, the correct answer is "WHJK".

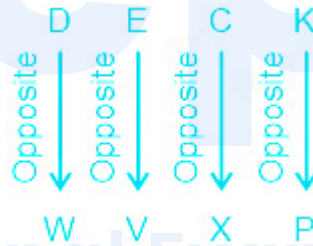
20. Answer: a

Explanation:

The logic followed here is :-

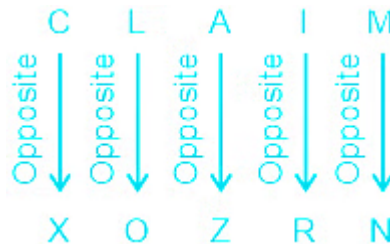
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

- 'DECK' is coded as 'WVXP'.



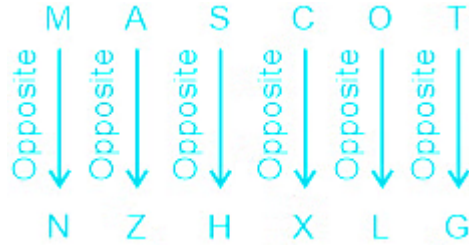
and,

- 'CLAIM' is coded as 'XOZRN'.



Similarly,

- 'MASCOT' will be coded as :



Hence, the correct answer is "NZHXLG".

21. Answer: d

Explanation:

The logic followed here is :-

Canberra is the capital of Australia.

Similarly,

'Paris' is the capital of France.

Hence, the correct answer is "Paris".

★ **Important Points**

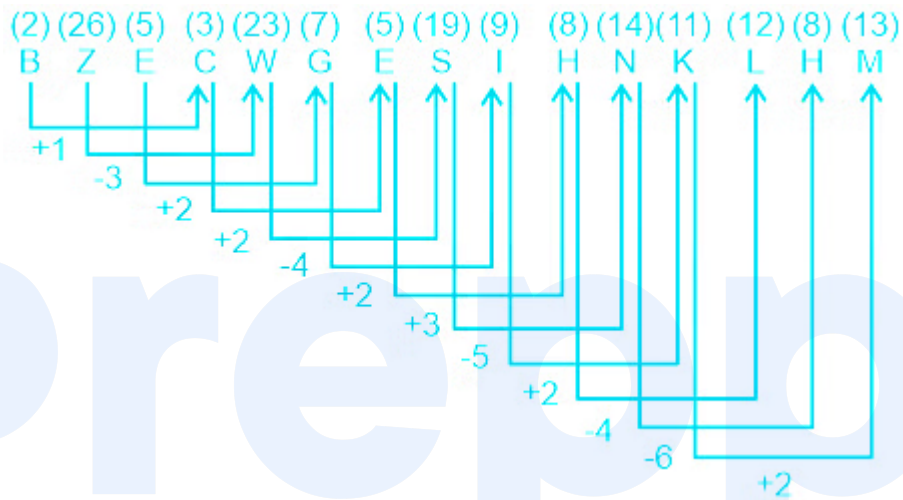
Country	Capital
Italy	Rome
Indonesia	Nusantara
Russia	Moscow

22. Answer: a

Explanation:

The logic followed here is :-

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



Hence, the correct answer is "HNK".

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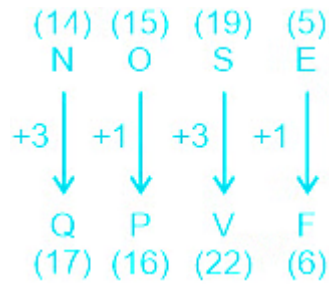
23. Answer: d

Explanation:

The logic followed here is :-

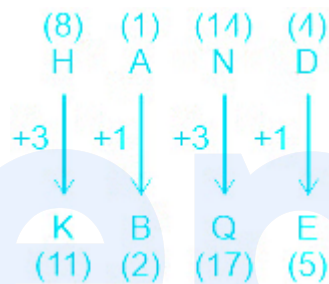
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

'NOSE' is coded as 'QPVF',



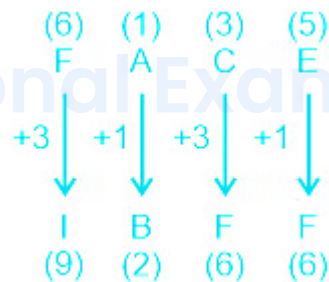
and,

'HAND' is coded as 'KBQE'.



Similarly,

'FACE' will be coded as :



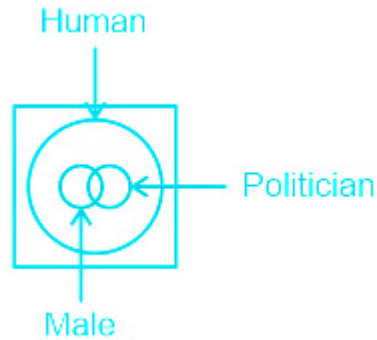
Hence, the correct answer is "IBFF".

24. Answer: d

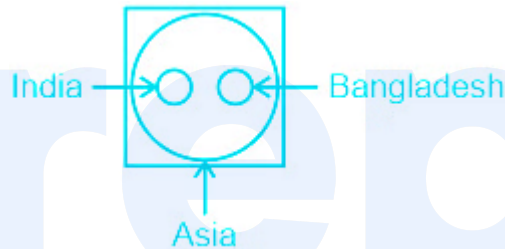
Explanation:

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

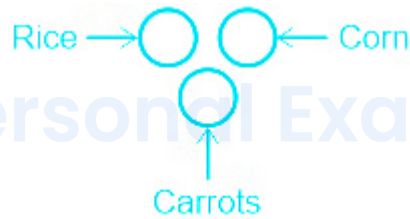
- All Males are Humans.
- All Politicians are Humans.
- Some Males become Politicians.



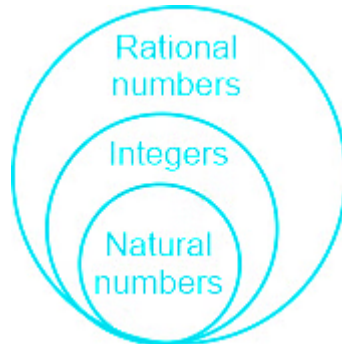
Option 1) : India, Asia, Bangladesh



Option 2) : Corn, Rice, Carrots



Option 3) : Natural Numbers, Integers, Rational Numbers

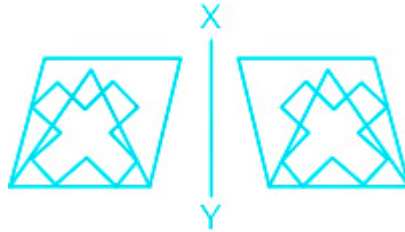


Hence, the correct answer is "Human, Male, Politician".

25. Answer: c

Explanation:

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



Hence, the correct answer is "Option 3".

26. Answer: c

Explanation:

The correct answer is Chhattisgarh.

★ Key Points

- **Hasdeo River** is the largest tributary of the Mahanadi River.
 - The river flows in the state of **Chhattisgarh** .
- **Jonk River** is a tributary of the **Mahanadi River** that flows for approximately 210 kilometres through the Nuapada District and Bargarh District in the state of Odisha and **Raipur District in the state of Chhattisgarh in India**.

★ Additional Information

- Mahanadi rises from the Raipur district of **Chhattisgarh** and flows for about 851 km before its outfall into the Bay of Bengal.
 - Its main tributaries are the Seonath, the Jonk, the Hasdeo, the Mand, the Ib, the Ong, and the Tel.

★ Additional Information

State	Important rivers
Arunachal Pradesh	Brahmaputra
Goa	The Mandovi and the Zuari
Haryana	Yamuna, Saraswati and Ghaggar.

27. Answer: d

Explanation:

The correct answer is Nadir Shah.

★ Key Points

- Nadir Shah took away the famous Koh-i-Noor diamond and Shah Jahan's jewel-studded Peacock Throne.
- In 1739, The Kohinoor, mounted at the head of one of the peacocks on Shah Jahan's Peacock Throne, left India and the Mughal treasury when Nader Shah carved the Peacock Throne out of the Delhi Cloth.
- He carries the Kohinoor to his native Iran, along with the treasury of eight generations of Mughals.
- The Peacock Throne, along with other Mughal jewels, is then on display at Herat.
- Ahmad Khan Abdali, Nader Shah's most loyal and senior Afghan general, is gifted with the Kohinoor diamond and the Timur Ruby, both of which Nader Shah stripped from the Peacock Throne, the first lady of Nader Shah's harem as a reward for protecting the harem and overpowering the renegade looters in the aftermath of the assassination.
- Ahmad Khan Abdali, who then continues to wear the Kohinoor in a bracelet, leaves for Kandahar, taking the Kohinoor with him.
- Nadir Shah was one of Iran's most powerful rulers in Iranian history, reigning as Shah of Iran (Persia) from 1736 to 1747 when he was assassinated during an

uprising.

★ Additional Information

- **Muhammad Shah:**
 - He was an ineffective, pleasure-seeking Mughal emperor of India.
 - Due to his pleasure-loving attitude, he was also called Rangila.
 - His name was Roshan Akhtar.
- **Maharaja Ranjit Singh:**
 - He is known for uniting the various Sikh factions into one prosperous empire.
 - He expanded his empire by annexing states around him. The Sikh Empire existed from 1799 till 1849.
 - The major towns in Ranjit Singh's empire were Lahore, Amritsar, Multan, Peshawar, Jammu, Srinagar, Rawalpindi, and Sialkot.
 - Ranjit Singh was declared the 'Maharaja of Punjab' on 12 April 1801.
 - Ranjit Singh's army was known as the Khalsa army.
 - Ranjit Singh, renowned as Sher-e-Punjab (Lion of Punjab), is remembered for the possession of the Koh-i-Noor diamond.
 - Maharaja Ranjit Singh is well-known for the golden beautification of the Harmandir Sahib Gurdwara in Amritsar, famously known as the Golden Temple.
- **Shah Alam II:**
 - He is popularly known as 'Ali Gauhar', was defeated in the Battle of Buxar.
 - Shah Alam II, born Ali Gauhar was the seventeenth Mughal Emperor and the son of Alamgir II.
 - Shah Alam II became the emperor of a crumbling Mughal empire.
 - He was popularly known as Shahi-i- Bekhabar by Khafi Khan due to his appeasement parties by grants of title and rewards.
 - Shah Alam also penned the famous book Ajaib-ul-Qasas which is considered one of the earliest and prominent books of prose in Urdu.

28. Answer: b

Explanation:

The correct answer is Kanva.

★ Important Points

- The last Sunga ruler was assassinated by his minister Vasudeva, who later founded the **Kanva dynasty**.
- The Kanva dynasty was founded by Vasudeva Kanva.
- Vasudeva was an Amatya of Devabhuti, the last ruler of the Sunga dynasty.
- He murdered Devabhuti and founded the Kanvas dynasty.
- He ruled for a short period and was succeeded by Bhumimitra.
- The empire was extended into parts of eastern India and central India. The capital of the Kanva dynasty was Vidisa.

29. Answer: a

Explanation:

The correct answer is First Anglo-Sikh War.

★ Key Points

- The first Anglo-Sikh war was fought between the British forces and the Sikh Empire in 1845-46 in Punjab.
- Major Broad was placed in Amritsar as the East India Company's agent in 1843.
- The British were closely watching the developments in the Punjab political front and had territorial ambitions there as in other parts of the subcontinent.
- The Sikh forces crossed the Sutlej in December 1845 and took offensive positions against the English forces.
- Subsequently, battles were fought in different places and the English victory at Sohraon led to the signing of the Lahore Treaty in 1846 which ended the war.

★ Additional Information

- The second Anglo-Sikh war was fought between 1848 and 1849. This war led to the complete control of Punjab by the British. This area was later to become the North-Western Frontier Province.

30. Answer: b

Explanation:

The correct answer is Resilience.

★ Key Points

- The SpaceX Crew Dragon spacecraft that was launched into orbit in November 2020 was named **Resilience** by its crew.
- The SpaceX Crew Dragon spacecraft launched into orbit in November 2020 had three American and one Japanese astronaut onboard.
- SpaceX's Crew Dragon capsule carrying:
 - NASA astronauts Shane Kimbrough and Megan McArthur,
 - Japanese astronaut Akihiko Hoshide
 - French astronaut Thomas Pesquet
- SpaceX launched the Crew-2 mission for NASA and carried the four astronauts to the International Space Station on 23rd April 2021.
- A SpaceX Falcon 9 rocket carried the four astronauts to space in the company's Crew Dragon spacecraft named "Endeavour."

★ Additional Information

- SpaceX (Space Exploration Technologies Corporation) is a privately-owned aerospace manufacturer founded by Elon Musk.
- Elon Musk is also the current CEO (Chief Executive Officer) and CTO (Chief Technology Officer) of the organization.
- It was founded in the year 2002.
- It offers products like launch vehicles, rocket engines, spacecraft, etc.
- It is headquartered in Hawthorne, California, US.

31. Answer: d

Explanation:

The correct answer is 304B IPC.

★ Key Points

- Dowry death is defined under section 304B IPC.
- Dowry Prohibition Act prohibits the transfer of any property or valuable security by one party to the other party or parents of either party.
 - It was enacted by the Parliament on 1st May 1961.
 - The unnatural death of a woman will be deemed to be a dowry death if the wife dies in the husband's house within 7 years after marriage.
 - Dowry death is a punishable offense under section 304 B of the Indian Penal Code .
 - Every offense under the dowry prohibition act shall be non-bailable and non-compoundable.
 - Whoever commits dowry death shall be punished with imprisonment for a term which shall not be less than seven years but which may extend to imprisonment for life.
 - Imprisonment for a term which shall not be less than five years and with a fine shall not be less than Rs 15000/- or the amount of the value of such dowry, whichever more is the penalty for taking dowry as per the dowry prohibition act.
 - Imprisonment for a term which shall not be less than six months but which may extend to two years and with a fine which may extend to Rs 10000/- is the penalty for demanding dowry as per the dowry prohibition act.

★ Additional Information

- 304A:
 - Whoever causes the death of any person by doing any rash or negligent act not amounting to culpable homicide, shall be punished with imprisonment of either description for a term which may extend to two years, with a fine, or with both.

- 376A:
 - 376A. Intercourse by a man with his wife during separation.—Whoever has sexual intercourse with his own wife, who is living separately from him under a decree of separation or under any custom or usage without her consent shall be punished with imprisonment of either description for a term which may extend to two years and shall also be liable to fine.
- 376D:
 - Section 376D of Indian Penal Code 1860: Gang rape.

32. Answer: b

Explanation:

The correct answer is Swami Vivekananda.

★ Key Points

- Salt lake stadium, officially known as Vivekananda Yuba Bharati Krirangan, in Kolkata is India's second-largest stadium.
- Salt lake is a football stadium with a current capacity of 85,000.
- Salt lake stadium is the home ground of Atlético de Kolkata in ISL since 2014.

★ Additional Information

- Eden Gardens is India's oldest cricket stadium in Kolkata, West Bengal.
 - It was established in 1864.
 - Eden Gardens hosted India's first day/night Test match against Bangladesh in 2019.
- **Netaji Subhas Chandra Bose Stadium** is a multi-purpose stadium in Hailakandi, Assam, India.
- The VIP Gallery of the Mohun Bagan Stadium has been named as the "**Gostha Paul Stand**".

33. Answer: a

Explanation:

The correct answer is PV Sindhu.

★ Key Points

- The Indian Shuttler PV Sindhu and Michelle Li from Canada have been appointed athlete ambassadors for the International Olympic Committee's (IOC) "Believe in Sport" campaign aimed at preventing competition manipulation, according to the Badminton World Federation.
- Sindhu and Li will collaborate with other athlete ambassadors from around the world to raise awareness and inspire athletes to avoid sport manipulation.
- Since April 2020, the duo has served as global ambassadors for the BWF's "I am badminton" initiative.

★ Additional Information

- The IOC's "Believe in Sport" initiative was introduced in 2018 to raise awareness of the threat of competition manipulation among athletes, coaches, and officials.
- Since April 2020, the duo has served as global ambassadors for the BWF's "I am badminton" initiative.
- The Olympic Movement places a high emphasis on protecting honest athletes and keeping sport equal, and both the IOC and the BWF are committed to combating all types of cheating that threaten sport's reputation and essence.

34. Answer: c

Explanation:

The correct answer is Odisha.

★ Key Points

- Chilka Lake is located in Odisha.
 - It is a brackish water lagoon.

- It is the largest lake in India.
- Largest brackish water lagoon in Asia
- Chilka is at the mouth of the Daya river.
- One of the tentative UNESCO World Heritage sites in India.
- Designated the first Indian wetland of international importance under the Ramsar convention in 1981.
- Only lake in India is included in ' Destination Flyways ' by the United Nations World Tourism Organisation (UNWTO).

★ **Additional Information**

Important Lakes:

Lakes	State/UT
Vembanad Lake	Kerala
Chilika Lake	Odisha
Shivaji Sagar Lake	Maharashtra
Indira Sagar lake	Madhya Pradesh
Pangong Lake	Ladakh
Pulicat Lake	Andhra Pradesh
Sardar Sarovar Lake	Gujarat
Nagarjuna Sagar Lake	Telangana
Loktak Lake	Manipur
Wular lake	Jammu and Kashmir

35. Answer: a

Explanation:

The correct answer is Rajasthan and Gujarat.

★ Key Points

- The Prime Minister dedicated two future-ready Ayurveda institutions to the nation at the 5th Ayurveda Day on 13th November 2020.
- These are the Institute of :
 - Teaching & Research in Ayurveda (ITRA), Jamnagar, and
 - National Institute of Ayurveda (NIA), Jaipur.

★ Additional Information

- Ayurveda Day is being observed on **23 October 2022**.
- The **theme** for this year is **Har Din Har Ghar Ayurveda**.

36. Answer: d

Explanation:

The correct answer is Capitalist.

★ Key Points

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- The 'Preamble' of the Constitution of India:
 - After the **42nd amendment**, three new terms "Socialist, Secular, and Integrity" were added to the Preamble.
 - 42nd Amendment Act, 1976 is one of the most important amendments to the Indian Constitution.
 - It was enacted by the Indian National Congress headed by Indira Gandhi then.
 - Due to the large number of amendments this act has brought to the Indian Constitution, it is also known as the 'Mini-Constitution.'
 - Only one time the Preamble was amended in 1976 till date.

- Thus, we can say that **the words "Socialist and Secular" were added to the Preamble through the 42nd Amendment Act, 1976 .**

★ **Additional Information**

- A preamble is an introductory statement in a document that explains the document's philosophy and objectives.
- In a Constitution, it presents the intention of its framers, the history behind its creation, and the core values and principles of the nation.
- The preamble basically gives an idea of the following things/objects:
 - Source of the Constitution
 - Nature of Indian State
 - Statement of its objectives
 - Date of its adoption

37. **Answer: a**

Explanation:

The correct answer is Andhra Pradesh.

★ **Key Points**

- Andhra Pradesh CM Y.S. Jagan Mohan Reddy has launched the Jagananna Thodu scheme.
- Under this, an amount of ₹905 crores was deposited into the bank accounts of 9.05 lakh small traders towards the provision of an interest-free loan.
- The government will be paying interest of ₹60 crore to ₹100 crore annually.

★ **Additional Information**

- Andhra Pradesh:
 - Chief Minister – Y. S. Jaganmohan Reddy.
 - Governor – Biswabhusan Harichandan.
 - Number of Districts – 13.
 - Lok Sabha seats – 25.

- Rajya Sabha seats – 11.

38. Answer: d

Explanation:

The correct answer is Dresina.

★ Key Points

- **Dresina** is not a poisonous plant.
- Dracaena is a genus of about **120 species of trees and succulent shrubs**.
- The formerly accepted genera Pleomele and Sansevieria are now included in Dracaena.

★ Additional Information

- Poisonous plant include **agapanthus, autumn crocus, clivia, daffodil, hippeastrum, hyacinth, lily of the valley, tulips and some irises**.
- The bright yellow and red seeds are used in bush tucker, but only after **the toxins have been leached out**.
- They're poisonous if you eat them fresh from the branch.

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39. Answer: b

Explanation:

The correct answer is Bacteria.

★ Key Points

- **Bacteria** is a microorganism that causes citrus canker.
- **Citrus Canker disease:**
 - It is a bacterial disease that **causes significant damage to citrus species, ruining crops and preventing trade**.

- Citrus canker, caused by the bacterium *Xanthomonas citri* subsp. *citri*, affects the leaves, twigs and fruit of citrus plants causing the leaves to drop and unripe fruit to fall to the ground.
- **All types of citrus are affected by the disease.**
- Citrus canker is most severe in hot, wet areas.
- The infected sites ooze sap which can carry the disease from tree to tree by irrigation or rain splash.
- Citrus canker can spread quickly over long distances on infected citrus fruits and leaves, as well as on people and equipment.
- There is no cure for the disease, so any infected trees have to be destroyed and orchards replanted at great cost.
- Citrus canker has been found in Australia more than once before, and each time it was eradicated after years of effort. It was found to have invaded again in April 2018, in Darwin, Northern Territory and later it was found to have spread to northern Western Australia.

Prepp

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40. Answer: b

Explanation:

The correct answer is 2016.

★ Key Points

- Demonetization:
 - It is the act of replacing old currency with new currency as legal tender.
 - Notes and coins of a certain denomination were banned by the Central government.
 - In India, Demonetization has taken place three times till now.
 - 1 st Demonetization: In 1946, Rs.1000 and Rs.10000 were removed from circulation.
 - 2 nd Demonetization: In 1978, Rs. 1000, Rs. 5000, and Rs. 10000 were removed from circulation.
 - 3 rd Demonetization: In 2016, Rs. 500 and Rs. 1000 were removed from circulation.

★ Additional Information

- The new currency of India:
 - 10 Rupee note - Sun Temple
 - 20 Rupee note - Ellora Caves
 - 50 Rupee note - Hampi
 - 100 Rupee note - Rani ki vav
 - 200 Rupee note - Sanchi Stupa
 - 500 Rupee note - Red Fort
 - 2000 Rupee note - Mangalyaan

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41. Answer: b

Explanation:

The correct answer is Chang Lo.

★ Key Points

- Chang Lo dance is performed by the Chang tribe of Nagaland to celebrate victory over enemies on the battlefield.
- Chang Lo is the tribal dance form of Nagaland.
- It is performed by the Chang tribe of Nagaland.
- They are doing it to celebrate their victory over enemies.

★ Additional Information

- **Cheraw:**
 - It is a very old traditional dance of Mizoram.
 - It is also known as the Bamboo dance.
- **Nongkrem dance festival:**
 - **Period:**
 - Generally, in the month of November, every year.
 - **Venue:**
 - Smit, the Khasi Hills in Meghalaya.
 - The Nongkrem dance festival is celebrated during Autumn at Smit, the cultural center of the Khasi Hills.
 - It is a five-day-long religious festival of the Khasis, Ka Pomblang Nongkrem dance is popularly known as the Nongkrem dance.
 - Nongkrem Dance Festival is performed to appease the all-powerful Goddess Ka Blei Synshar for a rich bumper harvest and prosperity for the people.
- **Bhortal:**
 - It is the most popular dance form in the state of Assam.
 - Bhortal dance is believed to have been developed by Narhari Burha devotees.
 - This Bhortal dance of the Barpeta district is said to have originated from the classical dance form of the state.
 - Bihu is the most popular folk dance in Assam.

42. **Answer: b**

Explanation:

The correct answer is 22.

★ Key Points

- The Ministry of Social Justice and Empowerment, on 25th September 2020, notified the **Transgender Persons (Protection of Rights) Rules, 2020**.
- The Rules were issued in exercise of its powers conferred under **Section 22 of the Transgender Persons (Protection of Rights) Act 2019 ('2019 Act')**.

★ Additional Information

- About Transgender Persons (Protection of Rights) Rules, 2020:
 - A Certificate of Identity recognizes a person as transgender and will be issued by a District Magistrate .
 - The application for the Certificate of Identity must include an affidavit, application form and psychologist's report.
 - A District Magistrate may only issue a Certificate to an applicant who is a resident of the area under his jurisdiction for a period of one year as on the date of the application.
 - The Centre has done away with the medical examination for trans persons applying for the certificate of identity to the district magistrate.
 - Making at least one hospital in each State equipped to provide safe and free gender affirming surgery, hormone replacement therapy and counselling.
 - Social Security measures such as Providing medical insurance cards , scholarships, facilitating accommodation and schooling for trans children and ensuring access to food security to them.

43. Answer: c

Explanation:

The correct answer is Vijayanagara.

★ Key Points

- The Mahanavami Dibba was the King's palace in Vijayanagara Empire though there is no definite evidence.
- Mahanavami Dibba is a massive platform rising from a base of about 11,000 sq. ft to a height of 40 ft.

- The Mahanavami Dibba was located on one of the highest points in the city.
- There is evidence that it supported a wooden structure.
- The base of the platform is covered with relief carvings
- Many rituals were associated with the Mahanavami Dibba.
- Here the Hindu Festival Mahanavami or Navaratri was celebrated with great pomp and show in the months of September–October.
- This festival continued for 9 days.
- On this occasion several ceremonies were performed this including:
 - Worship of the different gods and goddesses.
 - Worship of the state horse.
 - The sacrifice of buffaloes and other animals.
 - The main attraction of this occasion were dance, Wrestling matches processions of horses, elephants, chariots, and soldiers.

★ Additional Information

- In the Vijayanagara Empire The “king’s palace” is the largest of the enclosures.
- It has two of the most impressive platforms, usually called the Audience hall and the Mahanavami Dibba .
- The Audience Hall is a high platform with slots for wooden pillars at close and regular intervals.
 - It had a staircase going up to the second floor, which rested on these pillars.
 - The pillars being closely spaced would have left little free space, and thus it is not clear what the hall was used for.

44. Answer: a

Explanation:

The correct answer is Rs 2,015.

★ Key Points

- The Cabinet Committee on Economic Affairs (CCEA) has fixed the Minimum Support Price (MSP) **Rs 2,015 per quintal** of wheat for the Rabi marketing period 2022-23.
- Cabinet Committee on Economic Affairs (CCEA) approved an increase in Minimum Support Prices (MSP) for all the mandated Rabi crops in September 2021.
- MSP was increased for the Rabi Marketing Season (RMS) 2022-23 with the aim of realigning MSPs in favour of pulses, oilseeds, and coarse cereals.
- With this step, the government seeks to ensure remunerative prices for the growers of farmers' produce.
- MSP has been increased by Rs 400 per quintal on each lentil, rapeseeds, and mustard.
- On gram, it was increased by Rs 130 per quintal while in the case of safflower, it was increased by Rs 114 per quintal as compared to MSP in 2020.

★ Additional Information

- Minimum Support Prices (MSP)
 - The Minimum Support Price (MSP) is a form of market intervention by the government of India to insure agricultural producers against any sharp fall in farm prices.
 - The minimum support prices are announced by the government of India at the beginning of the sowing season for certain crops on the basis of the recommendations of the Commission for Agricultural Costs and Prices (CACP).
 - MSP is a price fixed by the government of India to protect the producer (farmers - against an excessive fall in price during bumper production years).
 - The minimum support prices are guaranteed prices for their produce from the Government.
 - The major objectives are to support the farmers from distress sales and to procure food grains for public distribution.
 - In case the market price for the commodity falls below the announced minimum price due to bumper production and a glut in the market, government agencies purchase the entire quantity offered by the farmers at the announced minimum price.

45. Answer: a

Explanation:

The correct answer is Isotopes of Hydrogen.

★ Key Points

- Deuterium and tritium are Isotopes of Hydrogen.
- Isotopes are different forms of the same element that contain an equal number of protons but different numbers of neutrons in their nuclei, and hence differ in relative atomic mass but not in chemical properties.
- Hydrogen has three isotopes: Hydrogen (1 proton and 0 neutrons), Deuterium (1 proton and 1 neutron) and Tritium (1 proton and 2 neutrons).
- Out of the three, tritium is a very rare isotope and is also radioactive.

★ Additional Information

- ISOTOPES:
 - Atoms with the same number of protons but different numbers of neutrons are called isotopes.
 - They are elements with the same atomic number but different mass numbers since the atomic number equal the number of protons and the atomic mass equal the sum of protons and neutrons.
 - Isotopes are various forms of the same element.
 - Protium $1H_1$, deuterium $1H_2$ or D, and finally tritium $1H_3$ or T are the three hydrogen isotopes.
 - There are no neutrons in protium, but one neutron is present in deuterium and two neutrons are present in tritium.
 - Protium is the most common type of hydrogen, with deuterium accounting for 0.0156 per cent of all hydrogen on the planet's surface.
 - The concentration of tritium is one atom per 10¹⁸ protium atoms.
 - The only tritium, out of these three hydrogen isotopes, is radioactive in nature and releases low-energy β particles.

46. Answer: a

Explanation:

The correct answer is Alai Darwaza.

★ Key Points

- Allaudin Khilji constructed Alai Darwaza , the Palace of a thousand pillars, and the Fort of Siri.
- The Alai Darwaza is the main gate from the southern side of the Quwwat-ul-Islam Mosque in the Qutub Minar complex.

★ Additional Information

- Ala-ud-din followed the Divine Right Theory of Kingship and restructured the spy system.
- He banned social parties and prohibited black marketing.
- He introduced a permanent standing army and revenue was collected in cash only.
- He followed discriminatory policies towards the Hindus and imposed the Jizya, a grazing tax, and a house tax on the Hindu community.
- Officers called Diwan-i-riyasat were appointed in the offices called Shahana-i-mandi to standardize the market.

47. Answer: b

Explanation:

The correct answer is 1965.

★ Key Points

- The first recipient of the award was the Malayalam writer G. Sankara Kurup.

- He received the award in 1965 for his collection of poems, 'Odakkuzhal (The Bamboo Flute)', published in 1950.
- Ashapura Devi was the first woman to receive the Jnanpith Award in 1975 for her novel 'Pratham Pratisruti'.
- The most recent Jnanpith award (57th) has been conferred to Konkani Author Damador Mauzo in December 2021.

★ Additional Information

- Damodar Mauzo:
 - He is a Goa-based poet and recipient of the **57th Jnanpith Award in 2022**.
 - He won the Sahitya Akademi Award in 1983 for his novel Karmelin.
 - He has also won the Vimala V. Pai Vishwa Konkani Sahitya Puraskar award for his novel Tsunami Simon in 2011.
 - He is the co-founder of the Goa Arts and Literature Festival.

★ Additional Information

- Jnanpith Award is the oldest and the highest Indian literary award presented annually by the Bharatiya Jnanpith organization.
- It was instituted in 1961 and is awarded to an author for his/her outstanding contribution to literature.
- The award is bestowed only on Indian writers writing in Indian languages included in the Eighth Schedule of the Constitution of India and English.
- The winner is given a cash prize of Rs.11 lakh and a bronze replica of Goddess Saraswati, the Hindu goddess of learning.

48. Answer: d

Explanation:

The correct answer is Kerala.

★ Key Points

- Kerala has the highest sex ratio of 1084 females per thousand males, while Haryana has the lowest sex ratio of 879 females per thousand males
- In the case of UTs Puducherry has the highest sex ratio of 1037 females per thousand males and Chandigarh has the lowest sex ratio of 818 females per thousand males.

Kerala Specific data as per the Census 2011

Description	Census 2011	Census 2001
Total Population	3.34 Crore	3.18 Crore
Sex Ration	1084	1058
Child Sex Ratio	964	960
Density	860	819
Literacy Rate	94%	90.86

Census Data 2011

★ **Additional Information**

- 2011 census will be the second Census in the 21st Century, and the seventh census after the Independence
- The percentage decadal growth rate of Kerala's population during 2001-2011 was 4.86
- The percentage decadal growth rate of India as a whole is 17.64
- Sex ratio is defined as the number of females per 1000 males in the population.
- As per the 2011 Census data, the sex ratio of India is 943 females per thousand males.

49. Answer: d

Explanation:

The correct answer is Virat Kohli.

★ Key Points

- **Virat Kohli**, Indian captain became the **fastest cricketer** to score **12000 ODI runs**.
- Virat Kohli was born on 5 November 1988 in Delhi .
- He made his international debut on 18 August 2008 against Sri Lanka.
- He also captained the India Under-19 Cricket World Cup-winning team .
- He became the fastest cricketer to score 12000 ODI runs surpassing Sachin Tendulkar .
- He has won Arjuna Award (2013), Padma Shri (2017) and Rajiv Gandhi Khel Ratna Award (2018) .

50. Answer: b

Explanation:

The correct answer is S. Radhakrishnan.

★ Key Points

- The first Fellow of the Akademi, **S. Radhakrishnan**, was elected as Fellow in 1968, fourteen years after the Akademi was constituted.
- Dr. Sarvepalli Radhakrishnan was the first Vice President of India from 1952 to 1962.
- Later, he became the second President of India from **1962 to 1967**.
- He was awarded the **Bharat Ratna in the year 1954**.
- He became the Vice-Chancellor of Andhra University.
 - Andhra University was founded in 1926.
 - It is a non-profit public higher education institution.
 - The current vice-chancellor is P.V.G.D Prasad Reddy.
- He was also awarded a knighthood by British Government in 1931.

★ Additional Information

- The Sahitya Academy Award

- The Sahitya Academy Award is a literary honor in India.
- The first awards were given in 1955.
- The award amount was initially Rs 5,000, and has been gradually raised – it has been Rs 1 lakh since 2009.
- The Sahitya Akademi is India's premier institution of letters, with a stated commitment to "promoting Indian literature throughout the world".
- The Akademi was established by Jawaharlal Nehru, who was also its first chairperson and inaugurated on March 12, 1954.
- Every year, the Akademi announces awards for authors of works of outstanding literary merit in Indian languages. Awards are currently given for 24 languages; the most recent additions being Bodo and Santhali in 2005.

51. Answer: c

Explanation:

Given:

A dairy owner sells 528 litres of milk daily in one litre packets of 3 varieties – full cream, toned and double toned.

Sales of toned milk packets are 80% higher than those of full cream milk packets.

Sales of double toned milk packets are 60% lower than those of toned milk packets.

Calculation:

Let Q packet of full cream milk be sold.

Number of packets of toned milk sold = $Q + Q \times 80\%$

$\Rightarrow 1.8Q$

Number of packets of double toned milk sold = $1.8Q - 1.8 \times 60\%$

$\Rightarrow 0.72Q$

According to the question,

$$Q + 1.8Q + 0.72Q = 528$$

$$\Rightarrow 3.52Q = 528$$

$$\Rightarrow Q = 528/3.52$$

$$\Rightarrow Q = 150$$

Now, number of double toned milk sold per day = 150×0.72

$$\Rightarrow 108$$

\therefore He sells 108 packets of double toned milk per day.

52. Answer: b

Explanation:

Calculation:

First, four prime numbers are 2, 3, 5 and 7

There can't be any common number that can divide all the numbers completely.

So, the LCM is the product.

$$\text{LCM} = 2 \times 3 \times 5 \times 7$$

$$\Rightarrow 210$$

Similarly for HCF

HCF of 2, 3, 5 is 1

So, ratio = 210 : 1

\therefore The required answer is 210 : 1.

53. Answer: a

Explanation:

Given:

The perimeter of a circular plot is 440 m. Around it is a circular path 5 m wide.

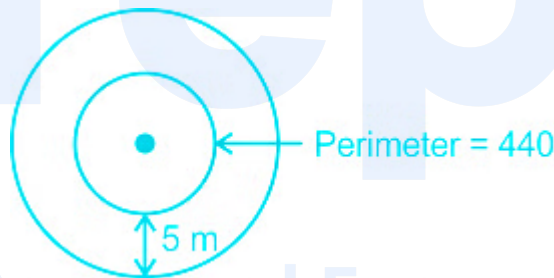
Concept used:

Perimeter of a circle = $2\pi R$

Area of a circle = πR^2

R = Radius of the circle

Calculation:



Radius of the circular plot = $440 \div 2\pi$

$\Rightarrow 70$ m

Area of the plot = $(\pi \times 70^2)$ m²

Area of the circular plot including the path = $\pi \times (70 + 5)^2$

$\Rightarrow (\pi \times 75^2)$ m²

Now, the area of the circular path = $(\pi \times 75^2) - (\pi \times 70^2)$

$\Rightarrow \pi(75^2 - 70^2)$

$\Rightarrow \pi(75 + 70)(75 - 70)$

$$\Rightarrow 22/7 \times 145 \times 5$$

$$\Rightarrow 2278.571 \approx 2278.6 \text{ m}^2$$

\therefore The area of the path is 2278.6 m².

54. Answer: a

Explanation:

Given:

$$10 - [378 \div 6 \text{ of } 9 - (25 - 72 \div 3)]$$

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:

$$10 - [378 \div 6 \text{ of } 9 - (25 - 72 \div 3)]$$

$$\Rightarrow 10 - [378 \div 6 \text{ of } 9 - (25 - 24)]$$

$$\Rightarrow 10 - [378 \div 6 \text{ of } 9 - 1]$$

$$\Rightarrow 10 - [378 \div 54 - 1]$$

$$\Rightarrow 10 - [7 - 1]$$

⇒ 10 - 6

⇒ 4

∴ The required answer is 4.

55. Answer: c

Explanation:

Given:

B takes five times the number of days taken by A to complete a piece of work. Working together, they complete the work in 15 days.

Concept used:

Total work = Work done per day × Total time taken

Efficiencies (work done per day) of workers is inversely proportional to the time taken by workers to complete a particular task.

Calculation:

Let A and B do $5p$ and p units work a day respectively.

Total work = $15(5p + p) = 90p$ units

Now, A alone will complete the work = $90p \div 5p$

⇒ 18 days

∴ A alone will complete the work in 18 days.

56. Answer: b

Explanation:

Calculation:

The numbers from 4 to 9 are 4, 5, 6, 7, 8, 9

Now,

LCM of 4, 5, 6, 7, 8, 9 = 2520

So, the smallest number is 2520

∴ The required answer is 2520.

57. Answer: b

Explanation:

Given:

By selling an article for Rs 2,900, a shopkeeper makes a profit of 16%.

New selling price = Rs. 3050

Concept used:

Selling price = Cost price × profit%

Calculation:

According to the question,

Cost price × 116% = 2900

⇒ Cost price = $2900 \times (100/116)$

⇒ 2500

New profit = 3050 - 2500

⇒ 550

$$\text{Profit \%} = (550/2500) \times 100$$

$$\Rightarrow 22$$

∴ His percentage of profit would be 22%.

58. Answer: b

Explanation:

Given:

$$\text{Wall dimensions} = 18\text{m} \times 10\text{m} \times 40\text{ cm}$$

$$\text{Brick dimensions} = 30\text{ cm} \times 15\text{ cm} \times 10\text{ cm}$$

Concept used:

$$\text{The volume of a cuboid} = \text{Length} \times \text{Breadth} \times \text{Height}$$

The volume of the wall should be equal to the volume of the total bricks required.

Calculation:

$$18\text{ m} = 1800\text{ cm}$$

$$10\text{ m} = 1000\text{ cm}$$

$$\text{Volume of the wall} = (1800 \times 1000 \times 40)\text{ cm}^3$$

$$\text{Volume of each brick} = (30 \times 15 \times 10)\text{ cm}^3$$

$$\text{Now, the number of bricks required} = (1800 \times 1000 \times 40) \div (30 \times 15 \times 10)$$

$$\Rightarrow 16000$$

∴ The number of required bricks is 16 thousand.

1.You have to read the question carefully...

2. In this question the unit (thousands) of amount is already mentioned. Question wants to answer in only amount number. So the answer will be 16 and not 16000.

★ Confusion Points

59. Answer: b

Explanation:

Given:

A and B together can do a piece of work in 24 days. B and C together can complete it in 30 days

The efficiency of A is twice that of C.

Concept used:

Total work = Work done per day \times Total time taken

Calculation:

$$\text{LCM}(24, 30) = 120 \text{ units}$$

Let efficiencies of A, B, and C be represented by A, B, and C respectively.

$$\text{So, } A = 2C$$

According to the question,

$$A + B = 120/24$$

$$\Rightarrow A + B = 5$$

$$\Rightarrow 2C + B = 5 \quad \dots(1)$$

$$B + C = 120/30$$

$$\Rightarrow B + C = 4 \quad \dots(2)$$

(1) - (2),

$$2C + B - B - C = 5 - 4$$

$$\Rightarrow C = 1$$

Putting $C = 1$ in (2), $B = 3$

Now, B will alone complete the work in $= 120/3$

$\Rightarrow 40$ days

\therefore B alone will complete the work in 40 days.

60. Answer: d

Explanation:

Given:

Rate = 5%

Time = 2 years

Difference = Rs. 25

Concept used:

Difference between C.I and S.I for two years $= P \times (r/100)^2$

Here,

P = Sum

R = rate

Calculation:

According to the concept,

$$25 = P \times (5/100)^2$$

$$\Rightarrow 25 = 25P/10000$$

$$\Rightarrow 1 = P/10000$$

$$\Rightarrow 10000 = P$$

So, sum = Rs. 10000

\therefore The amount is Rs. 10,000

61. Answer: c

Explanation:

Given:

$$\text{Marked price} = \text{Cost price} \times 130\%$$

$$\text{Discount \%} = 12\%$$

Concept used:

$$\text{Selling price} = \text{Marked price} \times (100 - \text{discount})\%$$

Calculation:

Let the cost price be Rs. 100.

$$\text{Marked price} = 100 + 100 \times 30\%$$

$$\Rightarrow \text{Rs. 130}$$

$$\text{Selling price} = 130 - 130 \times 12\%$$

$$\Rightarrow 130 - 15.6$$

$$\Rightarrow 114.4$$

So, his actual profit = 114.4 - 100

⇒ 14.4

Profit% = $(14.4/100) \times 100$

⇒ 14.4%

∴ The required answer is 14.4%

62. Answer: a

Explanation:

Given:

A man bought an old item for Rs. 5,400 and spent Rs. 200 on its repair.

Selling price = Rs. 6300

Concept used:

Actual cost price = actual price price of the item + cost of repairing

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

Calculation:

Actual cost price = 5400 + 200

⇒ 5600

Profit = 6300 - 5600

⇒ 700

Profit % = $(700/5600) \times 100$

⇒ 100/8

⇒ 12.5

∴ H is profit percentage is 12.5.

63. Answer: c

Explanation:

Concept used:

Total = Average × Number of entities

Calculation:

The first three multiples of 3 between 10 and 20 = 12, 15, 18

So, the average = $(12 + 15 + 18)/3 = 15$

The first 2 multiples of 4 between 10 and 20 = 12, 16

So, the average = $(12 + 16)/2 = 14$

Now, the difference = $15 - 14$

⇒ 1

∴ The difference is 1.

64. Answer: b

Explanation:

Given:

A, B and C are three numbers. A is 45% more than B and C is 60% less than A.

Calculation:

Let B be 100.

$$A = 100 + 100 \times 45\% = 145$$

$$C = 145 - 145 \times 60\% = 58$$

$$\text{Now, \% more} = \frac{100-58}{58} \times 100\%$$

$$\Rightarrow 72.41\%$$

\therefore B is 72% more than C.

65. Answer: a

Explanation:

Given:

The compound interest of a sum of Rs. 75,000 at a fixed annual rate of interest compounded on an annual basis in 2 years is Rs. 6,120.

Concept used:

In case of the compound interest,

$$\text{Amount} = P(1 + R/100)^N$$

$$CI = P(1 + R/100)^N - P$$

where

P = Principal amount

R = Rate of interest per year

N = Time in years

Calculation:

Let the interest rate be R%.

According to the question,

$$75000(1 + R/100)^2 - 75000 = 6120$$

$$\Rightarrow (1 + R/100)^2 = (75000 + 6120)/75000$$

$$\Rightarrow (1 + R/100)^2 = 1.0816$$

$$\Rightarrow (1 + R/100)^2 = 1.04^2$$

$$\Rightarrow 1 + R/100 = 1.04$$

$$\Rightarrow R/100 = 1.04 - 1$$

$$\Rightarrow R = 4$$

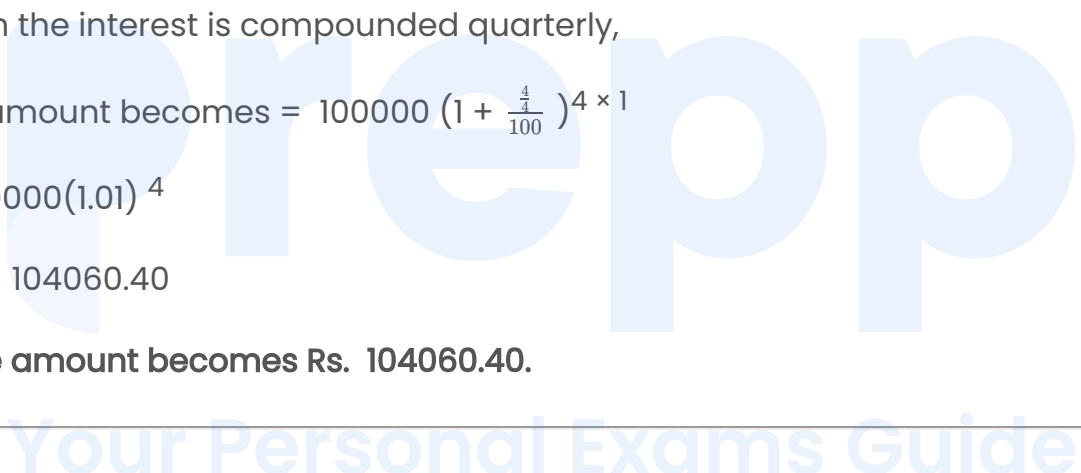
When the interest is compounded quarterly,

$$\text{The amount becomes} = 100000 \left(1 + \frac{4}{100}\right)^{4 \times 1}$$

$$\Rightarrow 100000(1.01)^4$$

$$\Rightarrow \text{Rs. } 104060.40$$

\therefore The amount becomes Rs. 104060.40.



66. Answer: b

Explanation:

Given:

$$72 - [20 - \{10 - (6 - \overline{6 - 4})\}]$$

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:

$$72 - [20 - \{10 - (6 - \overline{6 - 4})\}]$$

$$\Rightarrow 72 - [20 - \{10 - (6 - 2)\}]$$

$$\Rightarrow 72 - [20 - \{10 - 4\}]$$

$$\Rightarrow 72 - [20 - 6]$$

$$\Rightarrow 72 - 14$$

$$\Rightarrow 58$$

∴ The required answer is 58.

67. Answer: c

Explanation:

Given:

Length of the bridge = 1000 m = 1 km

Time = 6 minutes = 1/10 hours

Concept Used:

1 km = 1000 m

1 hour = 60 minutes

Speed = Distance \div Time

Calculation:

Required speed = $1 \div (1/10) = 10$ km/hr

\therefore Speed in km per hour is 10 km/hr.

68. Answer: a

Explanation:

Given:

A certain sum of money, in 4 years at the same rate of simple interest per annum, amounts to Rs. 12,420 and in 7 years Rs. 14,985.

Concept used:

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

Amount = $P + SI$

where

P = Principal amount

R = Rate of interest per year

T = Time in years

Calculation:

Interest in 3 years = $14985 - 12420 =$ Rs. 2565

Interest per year = $2565/3 =$ Rs. 855

Let the principal amount and the rate of interest be Rs. P and R% respectively.

According to the question,

$$(P \times 1 \times R)/100 = 855$$

$$\Rightarrow PR = 85500$$

According to the question,

$$P + (P \times 4 \times R)/100 = 12420 \quad \dots(1)$$

$$P + (P \times 7 \times R)/100 = 14985 \quad \dots(2)$$

$$(2) + (1),$$

$$2P + 12PR/100 = 27405$$

$$\Rightarrow 2P + (11 \times 85500)/100 = 27405$$

$$\Rightarrow 2P = 27405 - (11 \times 855)$$

$$\Rightarrow 2P = 18000$$

$$\Rightarrow P = 9000$$

\therefore The principal amount is Rs. 9000.

69. Answer: b

Explanation:

Given:

If bananas are sold at a price of Rs. 10 per banana instead of Rs. 7 per banana, then the difference between the selling prices of some bananas is Rs. 990.

The cost price of all the bananas is Rs. 1,980.

Profit earned = 18%

Concept used:

$$\text{Selling Price} = \text{Cost Price} + \text{Cost Price} \times \text{Gain\%}$$

Calculation:

Let the cost price of N bananas be Rs. Q each.

According to the question,

$$10N - 7N = 990$$

$$\Rightarrow 3N = 990$$

$$\Rightarrow N = 330 \quad \dots(1)$$

According to the question,

$$NQ = 1980$$

$$\Rightarrow 330 \times Q = 1980 \text{ (From 1)}$$

$$\Rightarrow Q = 6$$

Let the selling price of each banana be Rs. P.

According to the question,

$$330P = 1980 + 1980 \times 18\%$$

$$\Rightarrow P = (1980 \times 1.18)/330$$

$$\Rightarrow P = 7.08$$

Now, the selling price of 10 bananas = 10×7.08

$$\Rightarrow \text{Rs. } 70.80$$

\therefore The selling price of 10 bananas is Rs. 70.80.

70. Answer: a

Explanation:

Given:

$$A : B = 8 : 9$$

$$B : C = 12 : 55$$

Calculation:

$$A : B = 8 : 9 = 32 : 36$$

$$B : C = 12 : 55 = 36 : 165 \quad [\text{By equaling } B \text{ in both}]$$

$$\therefore A : B : C \text{ is } 32 : 36 : 165.$$

71. Answer: d

Explanation:

Given:

51, x , 72 and 96 are proportional

Concept used:

$$\text{If } A : B :: C : D \text{ then } (B \times C) = (A \times D)$$

Calculation:

According to the concept,

$$x \times 72 = 51 \times 96$$

$$\Rightarrow x = 4896/72$$

$$\Rightarrow x = 68$$

$$(2x + 8) = (2 \times 68 + 8)$$

$$\Rightarrow 144$$

$$(x + 13) = (68 + 13)$$

$$\Rightarrow 81$$

$$\text{Mean ratio} = \sqrt{(144 \times 81)}$$

$$\Rightarrow 108$$

\therefore The mean proportion is 108.

72. Answer: d

Explanation:

Given:

When a train completely crosses another train, it basically crosses the sum of the lengths of the two trains.

Concept used:

Relative speed is the difference between individual speeds while two objects run in the same direction.

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

When a train completely crosses another train, it basically crosses the sum of the lengths of the two trains.

Calculation:

$$\text{Relative speed} = 64.8 - 50.4 = 14.4 \text{ km/h}$$

$$14.4 \text{ km/h} = 14.4 \div 18/5 = 4 \text{ m/s}$$

$$\text{So, the sum of the length of train A and B} = 4 \times 60$$

$$\Rightarrow 240 \text{ m}$$

Now, the length of each train = $240/2 = 120$ m

\therefore The length of each train is 120 m.

73. Answer: c

Explanation:

Given:

The average weight of 23 students was recorded as 53 kg. On including the weight of a teacher, the average weight increased by 100 g.

Concept used:

Total = Average \times Number of entities

Calculation:

Total weight of 23 students = 23×53

$\Rightarrow 1219$ kg

100 g = 0.1 kg

New average including the teacher = $53 + 0.1 = 53.1$ kg

Now, the weight of the teacher = $53.1 \times (23 + 1) - 53 \times 23$

$\Rightarrow 55.4$ kg

\therefore The weight of the teacher is 55.4 kg.

74. Answer: b

Explanation:

Given:

Shopkeeper A, gives two successive discounts of 8% and 12% on the marked price of Rs. Rs 500.

Another shopkeeper B allows a single discount of 20% on an article of the same marked price.

Concept used:

Final discount percentage after two successive discounts of A% and B% = $(A + B - \frac{AB}{100})\%$

Calculation:

Final discount given by Shopkeeper A = $8 + 12 - (12 \times 8)/100 = 19.04\%$

Now, the the difference in their selling prices = $500 \times (20 - 19.04)\%$

$\Rightarrow 500 \times 0.96\%$

\Rightarrow Rs. 4.80

\therefore The difference in their selling prices is Rs. 4.80.

Your Personal Exams Guide

75. Answer: a

Explanation:

Given:

An amount of Rs. 7,800 is divided into A, B and C such that B's share belongs to $\frac{1}{3}$ of A's share and C's share is 20% more than D's share.

Calculation:

Let B's share be P.

C's share = $P + P \times 20\% = 1.2P$

$$A's \text{ share} = P \div \frac{1}{3} = 3P$$

According to the question,

$$3P + 1.2P + P = 7800$$

$$\Rightarrow 5.2P = 7800$$

$$\Rightarrow P = 7800/5.2$$

$$\Rightarrow P = 1500$$

$$\text{Now, A's share} = 1500 \times 3 = \text{Rs. } 4500$$

\therefore A's share is Rs. 4500.

76. Answer: c

Explanation:

The erroneous part is 'for extending'.

★ Key Points

- The given sentence is grammatically incorrect.
- Here, 'to extend' should be used instead of 'for extending'.
- 'Too' is followed by 'to'.
- 'Too...to' is a pair.
- The words 'too...to' have a negative meaning.
- It means more than is necessary or desirable.
 - Example: He was **too** nervous **to** perform well on the stage.
- And, the 'to infinitive' is followed by the base form of the verb. Hence, 'extending' will be changed into 'extend'.
- Thus, the correct answer is **Option 3**.

Correct Sentence: Philip was too proud **to extend** a hand for friendship.

77. Answer: a

Explanation:

The correct answer is ' **Although** '.

★ Key Points

- The underlined part in the given sentence is grammatically incorrect.
- Here, ' **Although** ' should be used.
- We use **although** to introduce a subordinate clause that contains a statement that makes the main clause of the sentence seem surprising or unexpected.
- It means 'in spite of the fact that'. (यद्यपि, हालाँकि)
 - Example: **Although** she was tired, she stayed up late watching television.
- Thus, as per the above description, we find that the correct answer is **Option 1**.

Correct Sentence: **Although** he is strong, he is quite timid.

★ Additional Information

- Let's look at the meaning of other words:
 - **Because** : for the reason that. (क्योंकि)
 - **Besides** : in addition to or as well as somebody/something; also. (के अतिरिक्त, के साथ; भी)

78. Answer: d

Explanation:

The correct answer is ' **treatment** '.

★ Key Points

- The most appropriate word for the given blank is ' **treatment** '.

- It means 'the use of medicine or medical care to cure an illness or injury; something that is done to make somebody feel and look good'. [किसी बीमार या घायल व्यक्ति का इलाज (औषध या परिचर्या द्वारा)]
 - *Example: to require hospital/medical **treatment** ...*
- Let's look at the meaning of other words:
 - **healing** : to become healthy again; to make something healthy again. (पुनः स्वस्थ हो जाना; पुनः स्वस्थ कर देना)
 - **care** : looking after somebody/something so that he/she/it has what he/she/it needs for his/her/its health and protection. (किसी की देखभाल या देखरेख)
 - **diagnosis** : the act of saying exactly what illness a person has or what the cause of a problem is. (रोगी के रोग और समस्या के कारण को पहचानने की क्रिया; निदान-क्रिया)
- As per the above definitions, we find that the correct answer is **Option 4**.

Correct Sentence: *The **treatment** cannot be a panacea for all respiratory infections.*

79. Answer: c

Explanation:

The correct answer is ' **Suicide** '.

★ Key Points

- The most appropriate word for the given group of words is ' **Suicide** '.
- It means 'the act or an instance of taking one's own life voluntarily and intentionally (स्वेच्छा से और जानबूझकर अपनी जान लेने की क्रिया या उदाहरण)'.
 - *Example: Authorities have officially ruled the death a **suicide** .*

Correct Sentence: *Suicide.*

★ Additional Information

- Let's look at the meaning of other words:

- **Parricide** : the killing of a parent or other near relative. (माता-पिता या अन्य निकट संबंधी की हत्या)
- **Homicide** : the illegal killing of one person by another; murder. (एक व्यक्ति द्वारा दूसरे की गैर-कानूनी हत्या; हत्या)
- **Genocide** : the murder of all the people of a particular race, religion, etc. (विशेष प्रजाति, धर्म आदि के लोगों की सामूहिक हत्या; नरसंहार)

80. Answer: c

Explanation:

The correct answer is ' **Friendly** '.

★ Key Points

- The most appropriate **synonym** of the given word ' **Amiable** ' is ' **Friendly** '.
- **Amiable** : friendly and pleasant. (मैत्रीपूर्ण और सौहार्दपूर्ण; मिलनसार)
 - *Example: He is perfectly **amiable** .*
- **Friendly** : behaving in a kind and open way. [(व्यवहार) जिसमें आत्मीयता और खुलापन हो; मैत्रीपूर्ण, दोस्ताना]
 - *Example: Everyone here has been very **friendly** towards us.*

Correct Answer: *Friendly.*

★ Additional Information

- Let's look at the meaning of other words:
 - **Honest** : (used about a person) telling the truth; not lying to people or stealing. [(व्यक्ति) सत्याचरण करने वाला, ईमानदार; चोरी आदि असत्याचरण न करने वाला]
 - **Dishonest** : that you cannot trust; likely to lie, steal or cheat. (बेईमान; धोखेबाज़)
 - **Disagreeable** : unpleasant. (अप्रिय, अरुचिकर)

81. Answer: d

Explanation:

The correct answer is ' **Acclame** '.

★ Key Points

- Among the given Options the incorrectly spelt word is ' **Acclame** '.
- Its correct spelling is ' **Acclaim** '.
- It means 'to express a very high opinion of something/somebody'. [किसी (व्यक्ति या वस्तु) के प्रति आदर या प्रशंसा प्रकट करना; अभिनंदन करना]
 - *Example: a highly **acclaimed** new film...*

Correct Answer:Acclame.

★ Additional Information

- Let's look at the meaning of other words:
 - **Progress** : movement forwards or towards achieving something. (आगे की ओर या लक्ष्य की ओर गति; प्रगति)
 - **Vicious** : cruel; done in order to hurt somebody/something. [निर्मम; कटु, द्वेषपूर्ण (व्यक्ति या वस्तु को चोट पहुँचाने के लिए किया गया)]
 - **Accuse** : to say that somebody has done something wrong or broken the law. (किसी व्यक्ति पर कुछ गलत करने का आरोप लगाना; क़ानून तोड़ने का दोषी ठहराना)

Your Personal Exams Guide

82. Answer: d

Explanation:

The erroneous part is '**that he does not**'.

★ Key Points

- The given sentence is grammatically incorrect.
- Here, '**that he did not**' should be used instead of '**that he does not**'.
- The whole of the sentence is in the **past tense**. And is an example of '**direct-indirect speech**'.

- We know that when **reporting verb** is in the **past tense** then we have to use the **past tense** in the **reported speech**.
- So, ' **does** ' should be changed into ' **did** '.
- Thus, the correct answer is **Option 4**.

Correct Sentence: *The teacher punished him and told him that he did not need to give a clarification.*

83. Answer: a

Explanation:

The correct answer is ' **Pronunciation** '.

★ Key Points

- Among the given Option the incorrectly spelt word is ' **Pronunciation** '.
- Its correct spelling is ' **Pronunciation** '.
- It means 'the way in which a word or letter is said, or said correctly or the way in which a language is spoken'.
 - *Example: Her **pronunciation** of English is improving.*

Correct Answer: *Pronunciation.*

★ Additional Information

- Let's look at the meaning of other words:
 - **Prolong** : to make something last longer. (किसी वस्तु आदि की अवधि बढ़ाना)
 - **Procrastination** : the act of putting off doing something that you should do till another day or time, because you do not want to do it. [(अनिच्छा के कारण कार्य में) टालमटोल, विलंब, स्थगन]
 - **Proactivity** : taking action by causing change and not only reacting to change when it happens. (परिवर्तन के कारण कार्रवाई करना और ऐसा होने पर न केवल परिवर्तन पर प्रतिक्रिया करना)

84. Answer: b

Explanation:

The correct answer is ' **debt** '.

★ Key Points

- The most appropriate word for the given blank is ' **debt** '.
- It means 'an amount of money that you owe to somebody'. (कर्ज, ऋण)
 - *Example: She borrowed a lot of money and she's still paying off the **debt** .*
- Let's look at the meaning of other words:
 - **debit** : an amount of money paid out of a bank account. (बैंक खाते से निकाली गई रकम)
 - **damage** : harm or injury caused when something is broken or spoiled. (किसी चीज़ के टूटने से होने वाली हानि या क्षति)
 - **deed** : something that you do; an action. (जो किया जाए; कार्य, क्रिया)
- As per the above definitions, we find that the correct answer is **Option 2**.

Correct Sentence: *If you do not pay your **debt** you will be imprisoned.*

85. Answer: b

Explanation:

The correct answer is ' **Calm** '.

★ Key Points

- The most appropriate **antonym** of the given word ' **Aggressive** ' is ' **Calm** '.
- **Aggressive** : ready or likely to fight or argue. (लड़ाका, हमलावर, झगड़ालू, आक्रामक)
 - *Example: an **aggressive** dog...*
- **Calm** : not excited, worried, or angry; quiet. (शांत, चुपचाप)
 - *Example: Try to keep **calm** –there's no need to panic.*

Correct Answer: *Calm* .

★ Additional Information

- Let's look at the meaning of other words:
 - **Sharp** : having a very thin but strong edge or point; that can cut or make a hole in something easily. (तेज़ धार या नोक वाला, धारदार या नोकदार; जो आसानी से किसी वस्तु को काट दे या उसमें छेद कर दे, पैना, तीक्ष्ण)
 - **Excited** : feeling or showing happiness and enthusiasm; not calm. (उत्तेजित, व्यग्र; अधीर)
 - **Simple** : easy to understand, do or use; not difficult or complicated. (समझने, करने या प्रयोग करने में आसान, सुबोध, सुकर; कठिन या जटिल नहीं, सरल)

86. Answer: a

Explanation:

The correct answer is 'Noble birth'.

★ Key Points

- The most appropriate meaning of the given idiom '**Blue blood**' is '**Noble birth**'.
- **Blue blood**: membership in a noble or socially prominent family. (एक कुलीन या सामाजिक रूप से प्रमुख परिवार में सदस्यता)
 - *Example: He has **blue blood**, which gives his cheeks a blue tinge.*

Correct Answer: *Noble birth*.

87. Answer: b

Explanation:

The correct answer is 'Apathy'.

★ Key Points

- The most appropriate word for the given group of words is ' **Apathy** '.
- It means 'the feeling of not being interested in or enthusiastic about anything'.
(उदासीनता, अनिच्छा)
 - *Example: It risks stirring little except an intense public **apathy**.*

Correct Answer: *Apathy.*

★ Additional Information

- Let's look at the meaning of other words:
 - **Sympathy** : an understanding of other people's feelings, especially their problems. [सहानुभूति, हमदर्दी (दूसरों की भावनाओं, विशेषतः समस्याओं, की समझ)]
 - **Telepathy** : the communication of thoughts between people's minds without using speech, writing or other normal methods. [(मौखिक, लिखित या अन्य सामान्य संप्रेषण विधियों का प्रयोग न करते हुए) व्यक्तियों के बीच मानसिक स्तर पर संदेशों का आदान-प्रदान; दूर-संवेदन, दूर-बोध, अतींद्रिय बोध, टेलिपैथी]
 - **Empathy** : the ability to imagine how another person is feeling and so understand his/her mood. (समानुभूति, अन्य व्यक्ति की भावनाओं को समझने की क्षमता; तादात्म्य)

88. Answer: d

Explanation:

The erroneous part is 'take a sharpest turn'.

★ Key Points

- The given sentence is grammatically incorrect.
- Here, '**take the sharpest turn**' should be used instead of '**take a sharpest turn**'.
- The given sentence is an example of a Superlative Degree.
- We know that the definite article ' the ' is always used before a superlative degree. Here, in the given question 'sharpest' is a **superlative degree** of 'sharp'.
- Superlative Degree: This degree denotes the highest quality and is used when one thing/person is compared to all other things/ persons.

- *Example: Mohan is the smartest boy in the class.*
- Therefore, the correct answer is Option 4.

Correct Answer: Go to the ninth block on the left-hand side and **take the sharpest turn** to reach Bunny's house on the right.

89. Answer: d

Explanation:

The correct answer is ' **Submerge** '.

★ Key Points

- The most appropriate synonym of the given word ' **Immerse** ' is ' **Submerge** '.
- **Immerse** : to put something into a liquid so that it is covered. (किसी वस्तु को द्रव में पूरी तरह डुबाना)
 - *Example: Make sure the spaghetti is fully **immersed** in the boiling water.*
- **Submerge** : to go or make something go under water. (जलमग्न होना या करना)
 - *Example: The fields were **submerged** by the floods.*

Correct Answer: Submerge.

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Additional Information

- Let's look at the meaning of other words:
 - **Immediate** : happening or done without delay. (तुरंत होने या किया जाने वाला, तत्काल संपन्न; अविलंब)
 - **Immortal** : living or lasting for ever. (अमर, शाश्वत अनश्वर)
 - **Submission** : the accepting of somebody else's power or control because he/she has defeated you. (आत्मसमर्पण, अधीनता-स्वीकरण)

90. Answer: a

Explanation:

The correct answer is 'No substitution required'.

★ Key Points

- The given sentence is grammatically correct.
- The **conjunction 'so'** here means 'with the result that; therefore'. (नतीजा यह कि; नतीजतन, परिणामस्वरूप; इसलिए)
- - *Example: She felt very tired **so** she went to bed early*
- Here, 'even though' means 'although'. (यद्यपि, हालाँकि)
- The given sentence tells us that '**Although** the person was tired yet he tried his hand at skydiving'.
 - *Example: I like her very much **even though** she can be very annoying.*
- Thus, the correct answer is **Option 1**.

Correct Sentence: Skydiving was a rare opportunity that I had got, **so, even though** I was exhausted, I decided to go for it.

91. Answer: c

Explanation:

The correct answer is '**consistent**'.

★ Key Points

- The most appropriate word for the given blank is '**consistent**'.
- It means 'always behaving or happening in a similar, especially positive, way'. (हमेशा एक समान व्यवहार करना या घटित होना, विशेष रूप से सकारात्मक, तरीके से)
 - *Example: There has been a **consistent** improvement in her attitude.*
- Let's look at the meaning of other options:
 - **Conducive** : helping or making something happen. (सहायक या किसी का कारण बनना)

- **Connotative** : an idea expressed by a word in addition to its main meaning. (शब्द के मुख्य अर्थ के अलावा अन्य आशय; संकेतार्थ)
- **Constructive** : useful or helpful. (उपयोगी या सहायक)
- As per the above description, we find that the correct answer is **Option 3**.

Correct Sentence: *He has been **consistent** in his performance throughout.*

92. Answer: a

Explanation:

The correct answer is '**will be held from**'.

★ Key Points

- The underlined part in the given sentence is grammatically incorrect.
- Here, '**will be held from**' should be used instead of '**will be held between**'.
- We know that '**between**' is followed by '**and**'. Whereas, 'from' is followed by 'to'.
- It is used to show the time when something starts or the time when it was made or first existed.
 - *Example: The museum is open **from** 9.30am **to** 6.00pm Tuesday to Sunday.*
- Thus, the correct answer is **Option 1**.

Correct Sentence: *The interviews will be held **from** 11 a.m. **to** 5 p.m.*

93. Answer: c

Explanation:

The correct answer is '**Ability to speak confidently and clearly**'.

★ Key Points

- The most appropriate meaning of the given idiom 'Gift of the gab' is 'Ability to speak confidently and clearly'.
- **Gift of the gab:** the ability to speak with eloquence and fluency. (वाक्पटुता और प्रवाह के साथ बोलने की क्षमता)
 - *Example: My friend had the **gift of the gab** and gradually defused the situation.*

Correct Answer: Ability to speak confidently and clearly.

94. Answer: a

Explanation:

The correct answer is ' **Wise** '.

★ Key Points

- The most appropriate antonym of the given word ' **Frivolous** ' is ' **Wise** '.
- **Frivolous** : not serious; silly. (अगंभीर; मूर्खतापूर्ण)
 - *Example: I do not raise that in any **frivolous** spirit, but it seems to me to be somewhat important.*
- **Wise** : having the knowledge or experience to make good and sensible decisions and judgements. [बुद्धिमान, समझदार या अकलमंद व्यक्ति (विवेकपूर्ण निर्णय लेने के लिए अपेक्षित ज्ञान या अनुभव से संपन्न)]
 - *Example: a **wise** choice...*

Correct Answer: Wise.

★ Additional Information

- Let's look at the meaning of other words:
 - **Quiet** : with very little or no noise. (शांत, खामोश)
 - **Idle** : not wanting to work hard; lazy. (मेहनत से जी चुराने वाला, कामचोर; आलसी)
 - **Petty** : small and unimportant. (छोटा और नगण्य)

95. Answer: b

Explanation:

The correct answer is ' **Cowherd** '.

★ Key Points

- The most appropriate word for the given group of words is ' **Cowherd** '.
- It means 'a person who tends grazing cattle'. (एक व्यक्ति जो मवेशियों को चराता है)
 - *Example: He towered above the **cowherd**, seeming to inhabit another body.*

Correct Answer: *Cowherd.*

★ Additional Information

- Let's look at the meaning of other words:
 - **Gardener** : a person who works in a garden for a job or for pleasure. (शौकिया या नौकरी के तौर पर बगीचे में काम करने वाला; माली, बागवान)
 - **Guard** : a person who protects a place or people, or who stops prisoners from escaping. (सुरक्षा कर्मचारी)
 - **Landlord** : a person who rents a house or room to people for money. (पैसे के लिए मकान किराए पर देनेवाला पुरुष; मकान-मालिक)

96. Answer: a

Explanation:

The correct answer is ' **external** '.

★ Key Points

- The given passage is about the '**Human Skeleton System**'.
- The most appropriate word for the first blank is '**external**'.

- It means 'connected with the outside of something'. (बाहरी हिस्से का, बाहर स्थित, बाह्य)
 - Example: The cream is for **external** use only [to be used on the skin].
- Let's look at the meaning of other words:
 - **superficial** : not studying or thinking about something in a deep or complete way. (जिसे गहराई से या पूर्णता में न जाना या सोचा गया हो; छिछला, उथला)
 - **internal** : of or on the inside (of a place, person or object). [(स्थान, व्यक्ति या वस्तु के) भीतर के या भीतर में, अंदरूनी, भीतरी, आंतरिक]
 - **middle** : the part, point or position that is at about the same distance from the two ends or sides of something. [किसी वस्तु का मध्य भाग (किसी वस्तु के दो छोरों से समान दूरी पर स्थित उसका अंश; बिंदु या स्थिति)]
- As per the meaning of the above definition, the correct answer is **Option 1**.

Correct Passage: The human skeleton is the **external** framework of our body. It gives shape and support to the body. (2)_____, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an (3)_____ part of our body. The ribcage protects our lungs and heart. To increase the (4)_____ of our bones, we should include calcium in our diet. All our (5)_____ organs are protected by this skeletal system.

97. Answer: a

Explanation:

The correct answer is ' **Besides** '.

★ Key Points

- The given passage is about the 'Human Skeleton System'.
- The most appropriate word for the first blank is 'Besides'.
- It means 'in addition to or as well as somebody/something; also'. (के अतिरिक्त, के साथ; भी)
 - Example: There will be six people coming, **besides** you and Raj.
- Let's look at the meaning of other words:
 - **Unless** : if... not; except if. (यदि... नहीं; तब तक नहीं जब तक)
 - **Beside** : at the side of, or next to somebody/something. (के बगल में, के पास)

- **Although** : in spite of the fact that. (यद्यपि, हालाँकि)
- As per the above definition, we find that the correct answer is **Option 1**.

Correct Passage: *The human skeleton is the external framework of our body. It gives shape and support to the body. Besides, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an (3)_____ part of our body. The ribcage protects our lungs and heart. To increase the (4)_____ of our bones, we should include calcium in our diet. All our (5)_____ organs are protected by this skeletal system.*

98. Answer: a

Explanation:

The correct answer is 'important'.

★ Key Points

- The given passage is about the 'Human Skeleton System'.
- The most appropriate word for the first blank is 'important'.
- It means 'having great value or influence; very necessary'. (महत्वपूर्ण; अत्यावश्यक)
 - Example: an **important** meeting/decision/factor...
- Let's look at the meaning of other words:
 - **eternal** : without beginning or end; existing or continuing forever. (अनादि या अनंत; चिरंतन, शाश्वत, अमर)
 - **alert** : watching, listening, etc. for something with all your attention. (सतर्क, चौकन्ना, चौकस)
 - **insignificant** : of little value or importance. (महत्वहीन, उपेक्षणीय, नगण्य, निरर्थक)
- As per the above definition, we find that the correct answer is **Option 1**.

Correct Passage: *The human skeleton is the external framework of our body. It gives shape and support to the body. Besides, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an **important** part of our body. The ribcage protects our lungs and heart. To increase the (4)_____ of our bones, we should include calcium in our diet. All our (5)_____ organs are protected by this skeletal system.*

99. Answer: c

Explanation:

The correct answer is ' **strength** '.

★ **Key Points**

- The given passage is about the 'Human Skeleton System'.
- The most appropriate word for the first blank is 'strength'.
- It means 'the quality of being physically strong; the amount of this quality that you have'. (शारीरिक बल, शक्ति, ताक़त; किसी में शारीरिक बल या शक्ति की मात्रा)
 - *Example: He pulled with all his **strength** but the rock would not move.*
- Let's look at the meaning of other words:
 - **value** : the amount of money that something is worth. [(किसी वस्तु का) मूल्य, कीमत]
 - **length** : the size of something from one end to the other; how long something is. (किसी वस्तु की लंबाई)
 - **ability** : the mental or physical power or skill that makes it possible to do something. (किसी कार्य को पूरा करने की मानसिक या शारीरिक शक्ति; योग्यता, क्षमता)
- As per the above definition, we find that the correct answer is **Option 3**.

Correct Passage: *The human skeleton is the external framework of our body. It gives shape and support to the body. Besides, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an important part of our body. The ribcage protects our lungs and heart. To increase the **strength** of our bones, we should include calcium in our diet. All our (5)_____ organs are protected by this skeletal system.*

100. Answer: d

Explanation:

The correct answer is ' **vital** '.

★ Key Points

- The given passage is about the 'Human Skeleton System'.
- The most appropriate word for the first blank is 'vital'.
- It means 'very important or necessary'. (बहुत महत्वपूर्ण या आवश्यक)
 - *Example: Practice is **vital** if you want to speak a language well.*
- Let's look at the meaning of other words:
 - **fundamental** : basic and important; from which everything else develops. (बुनियादी और महत्वपूर्ण; मूल स्रोत से संबंधित)
 - **secret** : something that is not or must not be known by other people. [गोपनीय बात (जो दूसरों को न पता हो न पता चले), दूसरों से छिपाने योग्य बात]
 - **secondary** : less important than something else. [(दूसरे की अपेक्षा) गौण]
- As per the above definition, we find that the correct answer is **Option 4**.

Correct Passage: *The human skeleton is the external framework of our body. It gives shape and support to the body. Besides, it provides protection, makes blood cells, stores minerals and regulates hormones. The spinal cord is an important part of our body. The ribcage protects our lungs and heart. To increase the strength of our bones, we should include calcium in our diet. All our **vital** organs are protected by this skeletal system.*

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