

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 (02-Dec-2021) (Shift 3)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

Instructions

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

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

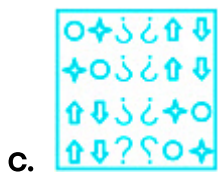
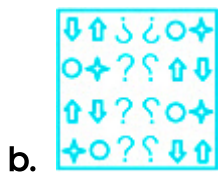
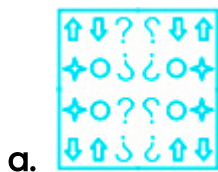
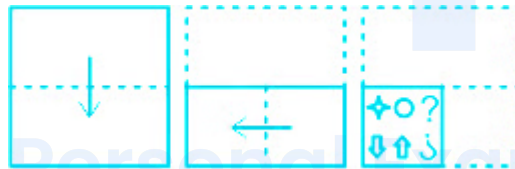
General Intelligence and Reasoning

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

13, 17, 26, 51, ?, 221

- a. 95
- b. 87
- c. 98
- d. 100

2. 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)



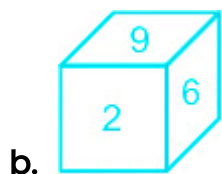
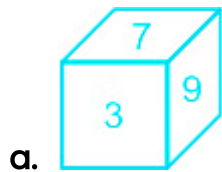


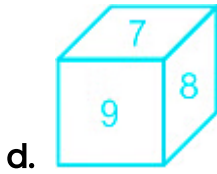
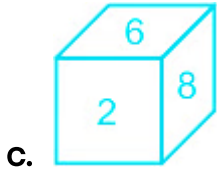
d.

3. W, X, Y and Z are playing cards. Y is sitting at the right side of X, who is at the right side of W. Who is sitting at the right side of Y? (+1, -0.25)

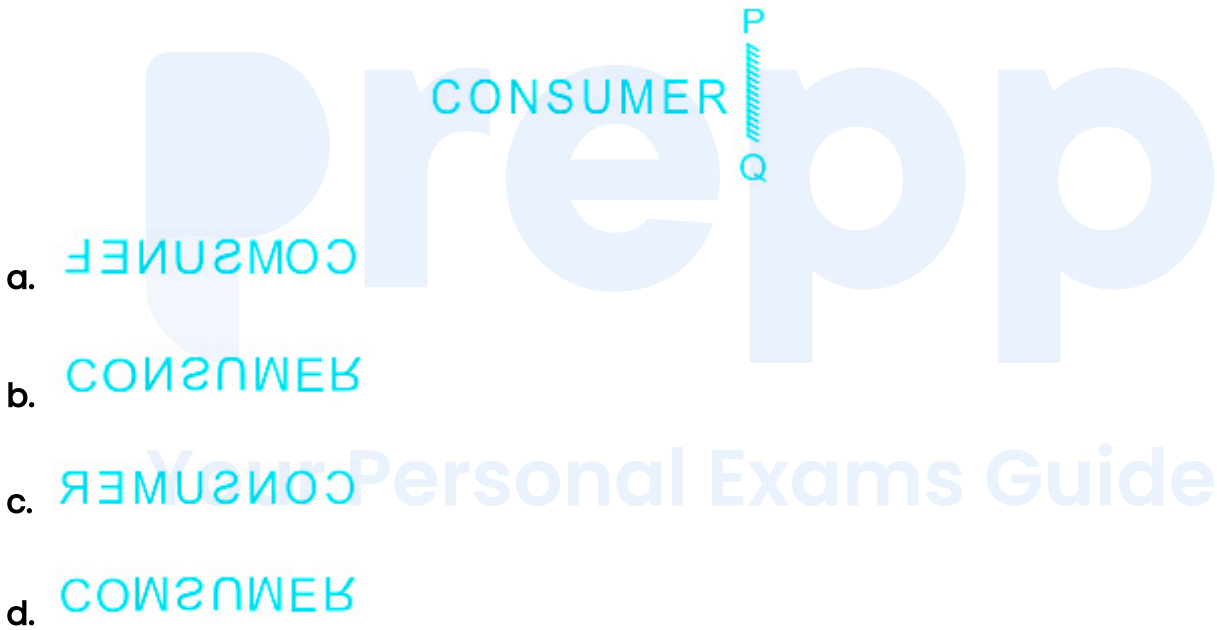
- a. Y
- b. W
- c. Z
- d. X

4. Which box can NOT be formed if the given sheet of paper is folded to form a box? (+1, -0.25)





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



6. A man introduces a woman as the daughter of the sister of his father. How is the woman, related to the man? (+1, -0.25)

- a. Daughter
- b. Granddaughter
- c. Cousin

d. Niece

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

AHO, ELS, IPW, ?

a. MXT

b. MTY

c. TMX

d. MTA

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

1. Elegy

2. Elegant

3. Eleven

4. Elite

a. 1, 2, 3, 4

b. 2, 3, 4, 1

c. 2, 1, 3, 4

d. 3, 2, 4, 1

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

- a. PMRN
- b. FCHF
- c. XUZX
- d. HEJH

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

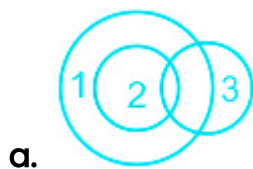
67, 70, 76, 85, ?

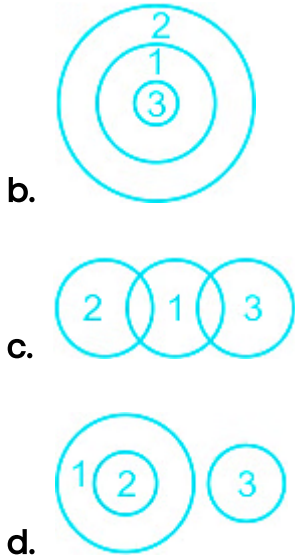
- a. 97
- b. 96
- c. 89
- d. 98

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

Doctor, Professor, Cardiologist

1 = Doctor, 2 = Cardiologist, 3 = Professor





12. 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)

EZU : GCY :: NHB : ?

- a. ROL
- b. QMJ
- c. PKF
- d. WQL

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

89, 178, 356, 712, ?

- a. 1424
- b. 1086

c. 1429

d. 1068

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

Statements:

Some students are players.

All players are male.

Conclusions:

I. All males are players.

II. Some males are students.

- a. Only conclusion I follows
- b. None of the conclusions follows
- c. Only conclusion II follows.
- d. Both the conclusions follow

-
15. In a certain code language, 'REJECT' is coded as '57'. How will 'POISON' be coded in that language? **(+1, -0.25)**

a. 75

b. 85

c. 58

d. 93

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

H _ S _ _ P S _ _ P _ C

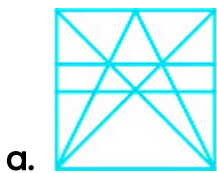
a. SCHCHS

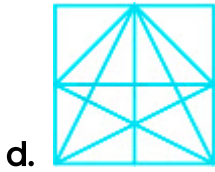
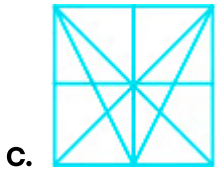
b. PCHHCS

c. PHCCHS

d. PCHCHS

17. Select the option in which the given figure is embedded (rotation is allowed). (+1, -0.25)





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

9	12	3
12	14	17
?	50	26

- a. 39
- b. 33
- c. 17
- d. 48

19. 'Shoes' is related to 'Leather' in the same way as 'Shirt' is related to '_____'. (+1, -0.25)

- a. Men
- b. Cloth
- c. Tailor

d. Size

20. If 'M' denotes '+', 'A' denotes '-', 'B' denotes '÷', and 'C' denotes 'x', then what is the value of the following expression? (+1, -0.25)

25B5C5M5A6

- a. 34
 - b. 24
 - c. 22
 - d. 32
-

21. In a certain code language, 'NIHAR' is written as 'ZUTMD' and 'VIRUS' is written as 'HUDGE'. How will 'GERMS' be written in that language? (+1, -0.25)

- a. SQDYE
 - b. SODWE
 - c. TQDXE
 - d. SPDZE
-

22. Five friends S, R, K, G and M are sitting around a circular wooden table, facing towards the centre of the table. S is sitting to the right of R. G is sitting to the left of K. R is sitting between K and S. M is sitting to the left of G. Who is sitting between M and R? (+1, -0.25)

- a. K
- b. R

c. G

d. S

23. In a certain code language, 'I am fine' is written as 'le su kim', 'you are fine' is written as 'se kim de' and 'all are fine' is written as 'kim ru se'. How will 'all' be written in that language? (+1, -0.25)

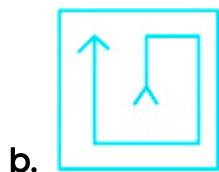
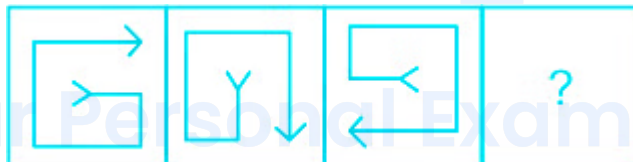
a. su

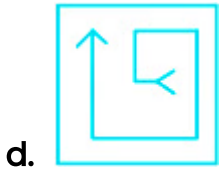
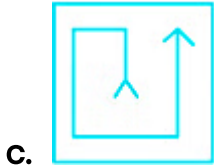
b. se

c. de

d. ru

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





25. Three persons, A, B and C, have two-rupee coins, five-rupee coins and ten-rupee coins, respectively. Each person has equal number of coins with them. They all have a total of ₹510. What was the total number of coins with each person?

(+1, -0.25)

- a. 25
- b. 41
- c. 30
- d. 35

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Your Personal Exams Guide

General Knowledge and General Awareness

26. Alauddin Khalji constructed a new garrison town for his soldiers named: (+1, -0.25)

- a. Siri
- b. Mysore
- c. Sind
- d. Bengal

27. Which of the following is a kharif crop? (+1, -0.25)

- a. Wheat
- b. Peas
- c. Groundnut
- d. Pumpkin

28. Who wrote the book 'The Golden Boat'? (+1, -0.25)

- a. Satyajit Ray
- b. Munshi Prem Chand
- c. Rabindranath Tagore
- d. RK Narayan

29. Who among the following became the Chief Minister of Bihar in November 2020? (+1, -0.25)

- a. Vijay Sinha
 - b. Nitish Kumar
 - c. Tejashwi Yadav
 - d. Chirag Paswan
-

30. In which of the following years did the Reserve Bank of India adopt the rupee symbol? (+1, -0.25)

- a. 2010
 - b. 2008
 - c. 2011
 - d. 2012
-

31. Who was appointed as the brand ambassador for Financepeer, a Google incubated education fee financing company, in November 2020? (+1, -0.25)

- a. Akshay Kumar
 - b. Rohit Sharma
 - c. Sonu Sood
 - d. Virat Kohli
-

32. As per Finance (No. 2) Act, 2019, an amount of up to ₹1,50,000 can be claimed as deduction for the interest paid on the loan taken for purchase of electric vehicles under Section _____ of the Income Tax Act. (+1, -0.25)

- a. 80EEB
 - b. 80DDB
 - c. 80GG
 - d. 80DD
-

33. Who among the following has the power to promulgate ordinances under Article 123 of the Constitution of India? (+1, -0.25)

- a. Chairman of the Rajya Sabha
 - b. Speaker of the Lok Sabha
 - c. President of India
 - d. Attorney-General of India
-

34. The legendary batsman and commentator Dean Jones, who passed away on 24 September 2020 due to cardiac arrest, represented _____ in his playing days. (+1, -0.25)

- a. England
 - b. South Africa
 - c. Australia
 - d. New Zealand
-

35. Which of the following is the heaviest gas? (+1, -0.25)

- a. Oxygen

- b. Helium
 - c. Radon
 - d. Nitrogen
-

36. The Narmada river rises in the _____ in Madhya Pradesh. (+1, -0.25)

- a. Mandu hills
 - b. Amarkantak hills
 - c. Pachmarhi hills
 - d. Omkareshwar hills
-

37. Poona Pact was signed between Mahatma Gandhi and _____ in 1932. (+1, -0.25)

- a. Motilal Nehru
 - b. Muhammad Ali Jinnah
 - c. BR Ambedkar
 - d. Jawahar Lal Nehru
-

38. Which of the following scientific instruments is used to measure atmospheric pressure? (+1, -0.25)

- a. Ammeter
- b. Photometer

- c. Bolometer
 - d. Barometer
-

39. The Hill Palace Museum is located in _____ . (+1, -0.25)

- a. Jammu and Kashmir
 - b. Himachal Pradesh
 - c. Karnataka
 - d. Kerala
-

40. Where is the fair of Pir Budhan held every year in India? (+1, -0.25)

- a. Uttar Pradesh
 - b. Haryana
 - c. Uttarakhand
 - d. Madhya Pradesh
-

41. Which of the following customs of inheritance was followed by the Mughals? (+1, -0.25)

- a. Ancestral property
- b. Rule of primogeniture
- c. Coparcenary inheritance
- d. Self-acquired intestate

42. World Toilet Day 2020 was celebrated with the theme of 'Sustainable sanitation and climate change'. On which date was it celebrated? (+1, -0.25)
- a. 16 November
 - b. 19 November
 - c. 22 November
 - d. 14 November
-

43. With which country's postal service has India's Department of Posts entered into an agreement for the electronic exchange of customs data, as in October 2020? (+1, -0.25)
- a. The US
 - b. Brazil
 - c. The UK
 - d. Australia
-

44. Which among the following is the oldest running Grand Slam tennis tournament? (+1, -0.25)
- a. French Open
 - b. Wimbledon
 - c. Australian Open
 - d. US Open
-

45. Which part of the body is affected by epilepsy? (+1, -0.25)

- a. Kidney
 - b. Brain
 - c. Liver
 - d. Heart
-

46. Who presides over the meetings of a municipal corporation? (+1, -0.25)

- a. Governor
 - b. Mayor
 - c. Director
 - d. Chairman
-

47. The Sufi masters held their assemblies in their khanqahs, which were also called: (+1, -0.25)

- a. dargahs
 - b. stupas
 - c. shrines
 - d. hospices
-

48. Which of the following is NOT a factor of 'Soil formation'? (+1, -0.25)

- a. Role of inorganic material
 - b. Nature of the parent rock
 - c. Role of organic material
 - d. Climatic factor
-

49. Gross national income per capita in US dollars of upper-middle-income countries as per World Bank classification falls between _____, as of July 2019. (+1, -0.25)

- a. 3,996–12,375
 - b. 1,026–3,995
 - c. 12,376–15,275
 - d. 1,025–3,224
-

50. Who among the following received the Vikram Award from the Madhya Pradesh government for excellence in sports in August 2020? (+1, -0.25)

- a. Niki Pradhan
- b. Sharmila Devi
- c. Vandana Katariya
- d. Karishma Yadav

Elementary Mathematics

51. Excluding stoppages, the speed of a bus is 60 km/h and including stoppages, it is 48 km/h. For how many minutes does the bus stop per hour? (+1, -0.25)
- a. 12
- b. 14
- c. 8
- d. 10
-
52. A dealer allows his customers a discount of 15% and still gains 10%. If the cost price of an article is ₹850, what is its marked price (in ₹)? (+1, -0.25)
- a. 1,100
- b. 1,250
- c. 1,200
- d. 1,150
-
53. The seats allotted for ECE, Mechanical and civil Engineering in a college are in the ratio 3 : 4 : 5. There is a proposal to increase the seats by 20%, 35% and 44% respectively. The ratio of the increased seats will be: (+1, -0.25)
- a. 2 : 3 : 5
- b. 3 : 5 : 6
- c. 2 : 3 : 4

d. 4 : 5 : 6

54. Find the value of $5 + 5 \text{ of } 5 \div 5 - 13 \div 5 - 2 \text{ of } 3 \div 3$.

(+1, -0.25)

a. $\frac{29}{5}$

b. $\frac{27}{5}$

c. $\frac{73}{5}$

d. $\frac{53}{5}$

55. A purse was sold for ₹99 with a profit of 10%. If it was sold for ₹72, then what would be the percentage of profit or loss?

(+1, -0.25)

a. 40% loss

b. 45% loss

c. 20% Loss

d. 25% Profit

56. The radius of a sphere is 6 cm. The sphere is melted and drawn into a wire of radius 0.4 cm. The length of the wire is :

(+1, -0.25)

a. 14 m

b. 15 m

c. 18 m

d. 16 m

57. The average of 4 numbers is 60 and the 1st number is $\frac{1}{3}$ of the sum of the remaining three numbers. What is the first number? (+1, -0.25)
- a. 120
 - b. 60
 - c. 30
 - d. 40

58. A certain sum amounts to ₹9,036 after 3 years and to ₹11484 after 7 years at the same rate per cent per annum at simple interest. What will the compound interest(in ₹) (to the nearest ₹) on the same sum for 2 years at the double rate of interest if interest is compounded annually? (+1, -0.25)
- a. 2656
 - b. 3123
 - c. 2255
 - d. 2764

59. In an election, two candidates are contesting. The winner got 48% of total votes. His opponent got 34% of total votes and lost the election by 21000 votes. Rest of the votes were invalid. The total number of votes is: (+1, -0.25)
- a. 145000
 - b. 150000
 - c. 123000

d. 135000

60. A sum of ₹14,175 is divided among A, B and C in the ratio $\frac{2}{3} : \frac{3}{5} : \frac{5}{6}$. What (+1, -0.25) is the difference (in ₹) between the shares of A and C?

a. 900

b. 950

c. 1125

d. 1050

61. A shopkeeper buys goods for ₹6,000. He sells 40% goods at a profit of 8%. (+1, -0.25) At what profit percentage(correct to one decimal place) should he sell the remaining goods to gain 25 % on the entire transaction?

a. 28.4%

b. 26.7%

c. 32.6%

d. 36.3%

62. The simple interest on a sum of ₹ x at 8.5% p.a for 12 years is ₹3,298 less (+1, -0.25) than the amount of the same sum invested at the same rate for $4\frac{4}{5}$ years at simple interest. The value of x is:

a. 8,400

b. 8,500

c. 8,000

d. 7,800

63. Out of two numbers, the first number is three-fourth of the second number. If the average of the reciprocal of the two numbers is $\frac{7}{48}$, then the first number is (+1, -0.25)

a. 8

b. 4

c. 10

d. 6

64. LCM of two prime numbers x and y ($x > y$) is 253. The difference between the numbers x and y is: (+1, -0.25)

a. 14

b. 16

c. 11

d. 12

65. An athlete runs 8 times around a circular field of radius 14 m in 2 minutes 56 seconds. Find his speed. (+1, -0.25)

a. 6 m/sec

b. 5 m/sec

c. 3 m/sec

d. 4 m/sec

66. A loss of 12.5% is incurred when an article is sold for ₹630. What is the profit or loss percentage if the article is sold for ₹840? (+1, -0.25)

a. Profit of $16\frac{2}{3}\%$

b. Loss of $11\frac{2}{3}\%$

c. Loss of $6\frac{1}{3}\%$

d. Profit of $21\frac{1}{3}\%$

67. The value of $2\frac{1}{9} \div [3\frac{5}{6} - \frac{2}{3} \times (6\frac{1}{2} - 2\frac{1}{3})]$ is: (+1, -0.25)

a. 2

b. 9

c. 5

d. 1

68. Seema works at a rate such that she can finish a work in 28 h, but she works at this rate for 7 h only . After that , she works at a rate such that she can finish the whole work in 16 h. If Seema is to finish this work at a stretch, how many hours(total) will she take to finish this work? (+1, -0.25)

a. 21

b. 18

c. 14

d. 19

69. If a given number 758P09Q5 is divisible by 3, then the least value of $P + Q$ is : **(+1, -0.25)**

a. 2

b. 5

c. 4

d. 3

70. A pair of headphones marked at ₹1,600 is sold for ₹1,450. What is the percentage of discount (correct to two decimal places)? **(+1, -0.25)**

a. 7.3%

b. 9.38%

c. 8.38%

d. 9%

71. X can complete $\frac{1}{4}$ of a work in 3 days and Y can complete $\frac{1}{6}$ of the same work in 4 days. X and Y worked together for 6 days and Z alone completed the remaining work in 8 days. If Y and Z work together, how much time will they take to complete the same work? **(+1, -0.25)**

a. $9\frac{1}{7}$ days

b. 10 days

c. $13\frac{5}{7}$ days

d. 12 days

72. By what number must a given number be multiplied to increase the number by 75%? (+1, -0.25)

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

b. $\frac{7}{4}$

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

d. $\frac{4}{7}$

73. if $(a + b) : (b + c) : (c + a) = 8 : 7 : 5$ and $a + b + c = 60$, then the ratio of a : b : c is: (+1, -0.25)

a. 3 : 5 : 2

b. 5 : 6 : 7

c. 5 : 7 : 8

d. 4 : 5 : 6

74. The area of a triangular field with sides 220 m, 231 m and 319 m is equal to 15 times the area of a circular garden . What is the diameter (in m) of the circular garden? (+1, -0.25)

a. $7\sqrt{11}$

b. $14\sqrt{7}$

c. $14\sqrt{11}$

d. $7\sqrt{7}$

75. Vineetha invests ₹12,000 on simple interest at the rate of 9% p.a. to obtain a total amount of ₹18,480 after a certain period. For how many years did she invest to obtain the above amount? (+1, -0.25)

a. 6 years

b. 8 years

c. 7 years

d. 5 years

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English

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

Scour

- a. Mark
- b. Dirty
- c. Scrub
- d. Spot

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

Strong deep dislike

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

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

Clumsy

- a. Awkward
- b. Graceful
- c. Wilful

d. Stubborn

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

Mark up

- a. Put a clear label
 - b. Deliberately smear
 - c. Accidentally stain
 - d. Increase the price
-

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

Group of people moving together in a company for security, especially for crossing deserts

- a. Cortege
 - b. Cabal
 - c. Choir
 - d. Caravan
-

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

The children requested that they might be _____ to stay up late.

- a. approved
- b. admitted

- c. sentenced
 - d. permitted
-

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

Worked like a dream

- a. Worked in a lazy mood
 - b. A plan succeeded perfectly
 - c. Worked without a plan
 - d. A plan failed miserably
-

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

Have you saw / my iPad / anywhere?

- a. Have you saw
 - b. anywhere
 - c. No error
 - d. my iPad
-

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

Arouse

- a. Alert

- b. Cease
 - c. Provoke
 - d. Thrill
-

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

The burning of / fossil fuels is / causing pollution / in recent time.

- a. causing pollution
 - b. in recent time
 - c. fossil fuels is
 - d. The burning of
-

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

The collection and affection of rainwater is of vital importance.

- a. caution
 - b. utilization
 - c. resolution
 - d. construction
-

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

'No substitution required'.

As the boys missed the bus, they couldn't able to reach the school on time.

- a. couldn't
- b. No substitution required
- c. was not able to
- d. can't able to

88. 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)

Let's go out for dinner tonight, shall we?

- a. should we
- b. No substitution required
- c. won't we
- d. shan't we

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

Dense

- a. Thick
- b. Soft
- c. Fast

d. Low

90. Select the INCORRECTLY spelt word.

(+1, -0.25)

- a. Commerccially
- b. Possibility
- c. Incidentally
- d. Purify

91. Select the INCORRECTLY spelt word.

(+1, -0.25)

- a. Specialist
- b. Explorashun
- c. Increment
- d. Ridiculous

92. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

(+1, -0.25)

Sidharth made earnest attempts / to change / for better, / but nothing happened.

- a. to change
- b. for better
- c. Sidharth made earnest attempts
- d. but nothing happened

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

Sita was _____ to find out what had happened at the neighbour's place that morning.

- a. eccentric
- b. curious
- c. odd
- d. peculiar

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

A kind of decision on which one cannot go back

- a. Irrevocable
- b. Alterable
- c. Absolute
- d. Flexible

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

Although the population of villages in England was rising at a _____ pace, that of the cities was increasing by leaps.

- a. equal
- b. fast

- c. uniform
- d. slow

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

One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) _____ to wilt. The rose saw a sparrow (2) _____ its beak into the cactus for some water. The rose then felt (3) _____ of itself for having made fun of the cactus all this time. But, (4) _____ it was in need (5) _____ water, it went to ask the cactus if it could have some water. The kind cactus agreed, and they both got through summer as friends.

Select the most appropriate option to fill in blank number 1.

- a. begun
- b. began
- c. begin
- d. beginning

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

One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) _____ to wilt. The rose saw a sparrow (2) _____ its beak into the cactus for some water. The rose then felt (3) _____ of itself for having made fun of the cactus all this time. But, (4) _____ it was in need (5) _____ water, it went to ask the cactus if it

could have some water. The kind cactus agreed, and they both got through summer as friends.

Select the most appropriate option to fill in blank number 2.

- a. dim
- b. din
- c. dish
- d. dip

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

One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) _____ to wilt. The rose saw a sparrow (2) _____ its beak into the cactus for some water. The rose then felt (3) _____ of itself for having made fun of the cactus all this time. But, (4) _____ it was in need (5) _____ water, it went to ask the cactus if it could have some water. The kind cactus agreed, and they both got through summer as friends.

Select the most appropriate option to fill in blank number 3.

- a. ashamed
- b. embarrass
- c. disgraced
- d. humiliate

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

One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) _____ to wilt. The rose saw a sparrow (2) _____ its beak into the cactus for some water. The rose then felt (3) _____ of itself for having made fun of the cactus all this time. But, (4) _____ it was in need (5) _____ water, it went to ask the cactus if it could have some water. The kind cactus agreed, and they both got through summer as friends.

Select the most appropriate option to fill in blank number 4.

- a. if
- b. although
- c. because
- d. why

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

One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) _____ to wilt. The rose saw a sparrow (2) _____ its beak into the cactus for some water. The rose then felt (3) _____ of itself for having made fun of the cactus all this time. But, (4) _____ it was in need (5) _____ water, it went to ask the cactus if it could have some water. The kind cactus agreed, and they both got through summer as friends.

Select the most appropriate option to fill in blank number 5.

- a. from
- b. for
- c. of
- d. off

prepp

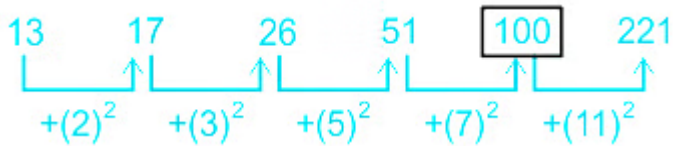
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Answers

1. Answer: d

Explanation:

Logic : Adding the square of consecutive prime numbers.



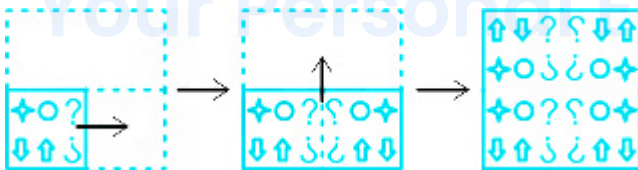
Hence, "100" is the correct answer.

2. Answer: a

Explanation:

According to given figure:

The figure will appear when it is opened as follows:



Hence, the correct answer is "option-(1)".

3. Answer: c

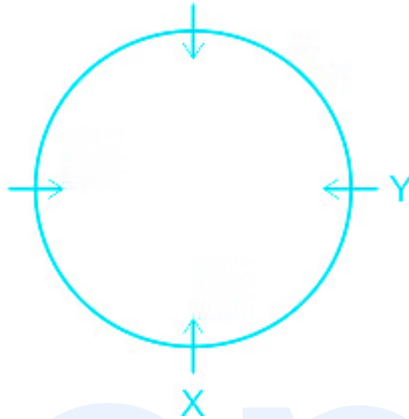
Explanation:

Given : W, X, Y and Z are playing cards.

Explanation :

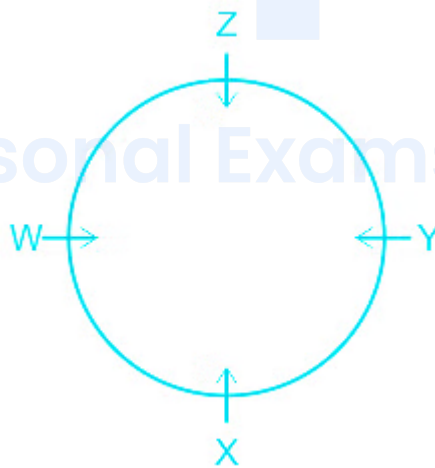
⇒As they are playing cards, therefore all of them are sitting in a circular manner and also will be facing towards the center.

1) Y is sitting at the right side of X.



2) Y is sitting at the right side of X, who is at the right side of W.

After positioning W only one position is left, which will be occupied by the only person left i.e Z.



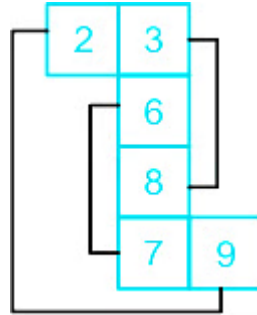
Thus, according to the final arrangement Z is sitting at the right side of Y.

Hence, "Z" is the correct answer.

4. Answer: b

Explanation:

The faces opposite to each other are shown below:



⇒ As the alternate positions becomes opposite to each other and the remaining two faces becomes opposite to each other.

So, opposite pairs are:

- 2 → 9
- 3 → 8
- 6 → 7

Therefore,

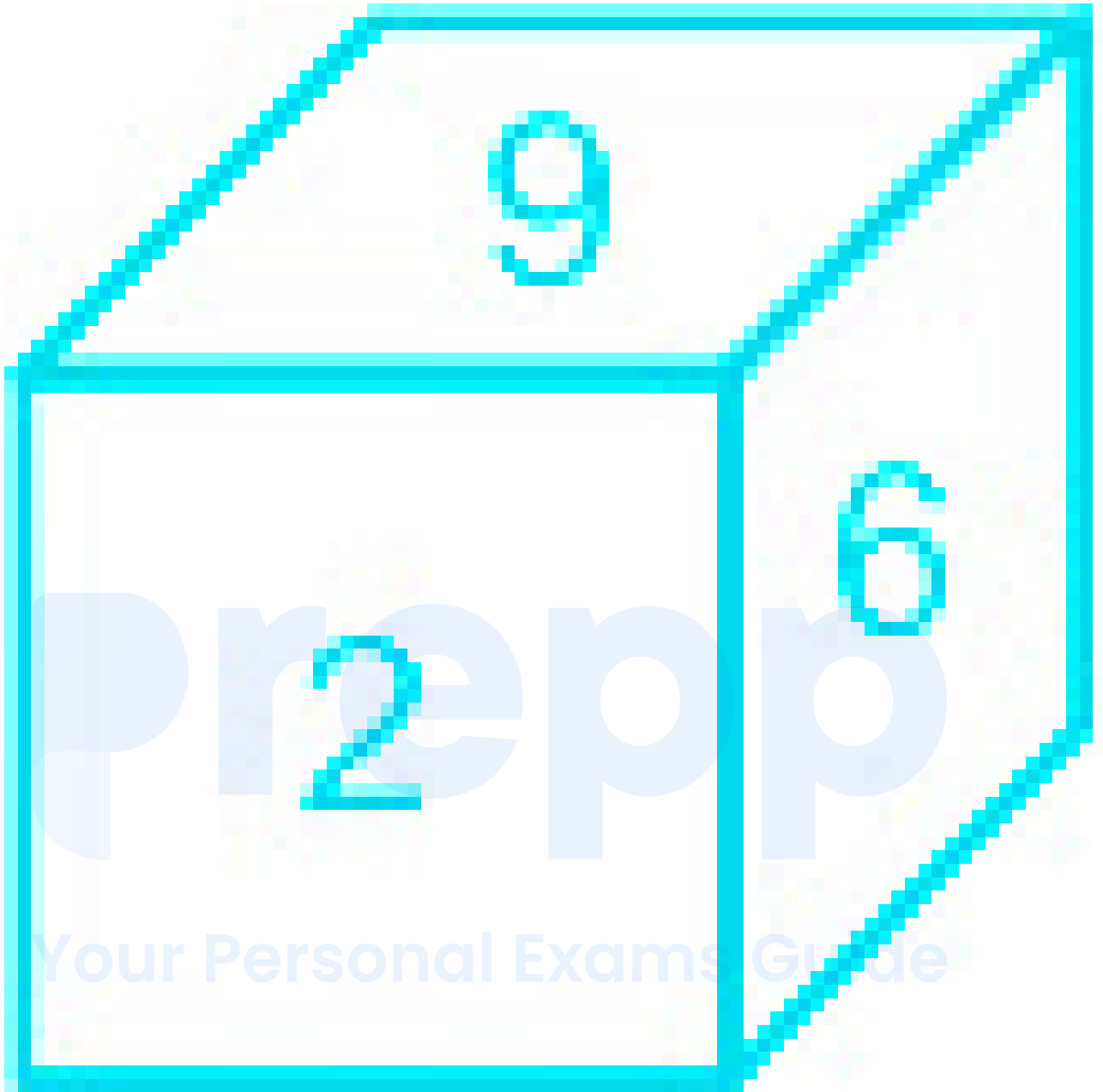
- Option(1) →

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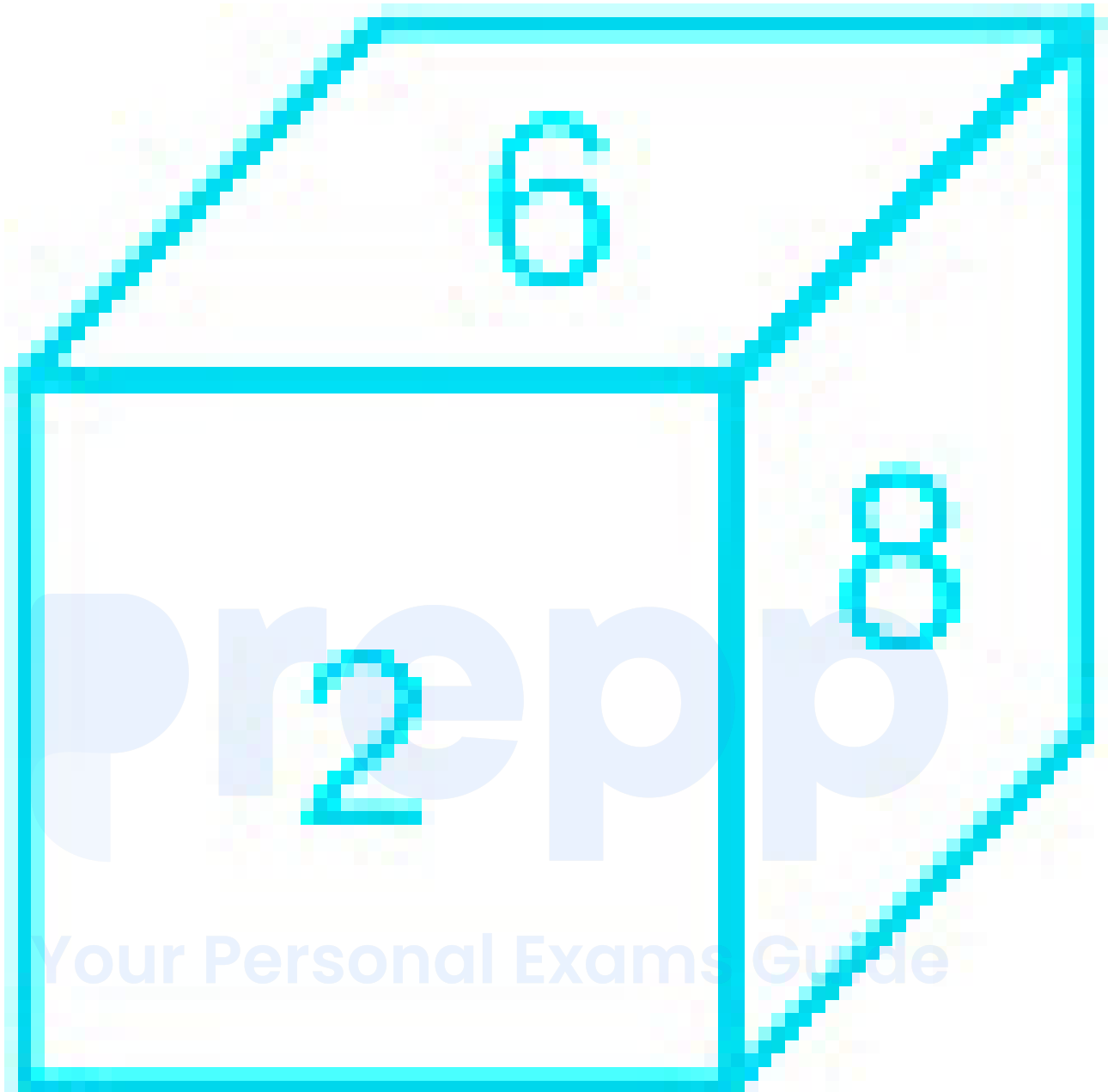
⇒As 3, 7 and 9 faces three different sides i.e 8, 6 and 2 respectively, therefore this box can be formed.

- Option(2) →



⇒ As 2 and 9 faces each other, so 2 and 9 cannot be on the sides which are not facing each other. Therefore this box cannot be formed.

- Option(3) →



⇒ As 2, 6 and 8 faces three different sides i.e 9, 7 and 3 respectively, therefore this box can be formed.

- Option (4) →



⇒ As 9, 7 and 8 faces three different sides i.e 2, 6 and 3 respectively, therefore this box can be formed.

Hence, "Option - (2)" is the correct answer.

5. Answer: c

Explanation:

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

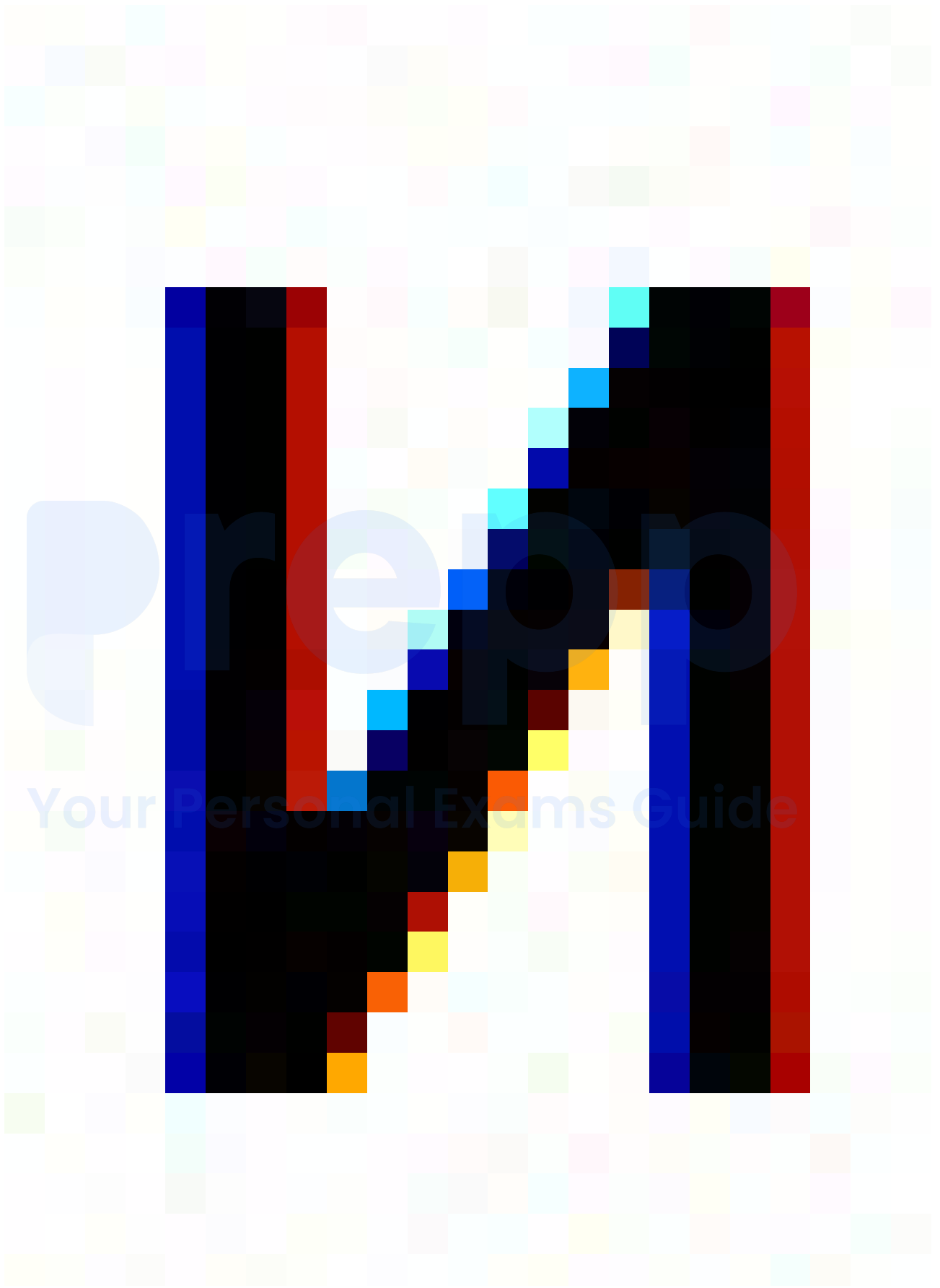


Detailed Explanation:

- The line PQ is the mirror
- The word "CONSUMER" the third letter is "N". So, the mirror image should be "



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" ⇒ Option 1 is eliminated.

- The word " CONSUMER " vertical mirror image is given instead of horizontal ⇒ Option 2 is eliminated.
- The word " CONSUMER "vertical mirror image is given instead of horizontal ⇒ Option 4 is eliminated.

Hence, the correct answer is "Option-(3)".

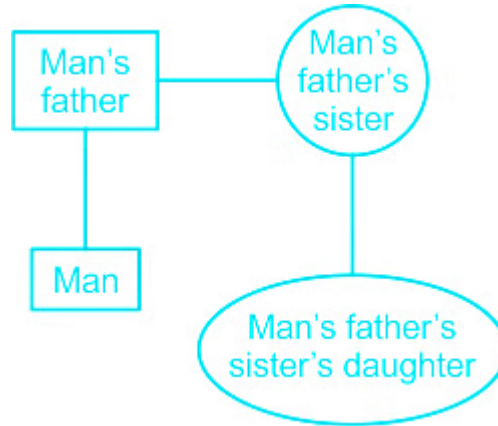
6. Answer: c

Explanation:

Symbol in Diagram	Meaning
○	Female
□	Male
==	Married couple
—	Siblings
	Difference of a generation

So,

- A man introduces a woman as the daughter of the sister of his father – It means man introduces his father's sister's i.e his paternal aunt's daughter.



As, it is clear from the family tree that the woman introduced by the man is his paternal aunt's daughter i.e she is his cousin.

Hence, "Cousin" is the correct answer.

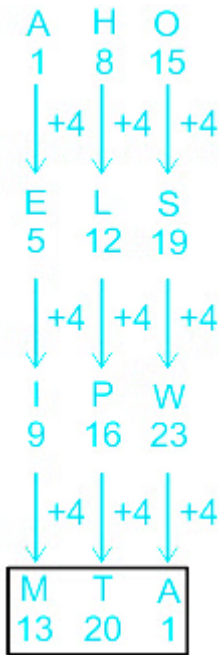
7. Answer: d

Explanation:

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

Logic : (+4) is added in each letter's position value or next 4th letter according to English alphabetic series is written.

So,



Hence, "MTA" is the correct answer.

8. Answer: c

Explanation:

According to the sequence in the dictionary.

2. Elegant

1. Elegy

3. Eleven

4. Elite

Hence, the correct Option is " 2, 1, 3, 4" .

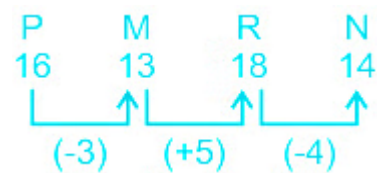
9. Answer: a

Explanation:

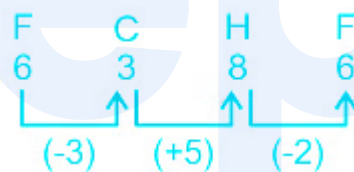
The logic followed here is :-

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

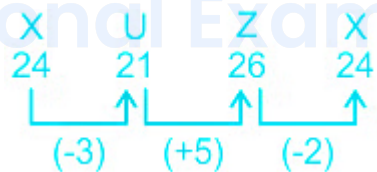
1) PMRN



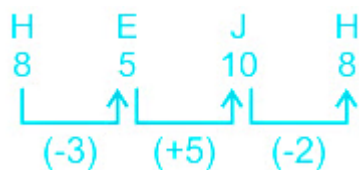
2) FCHF



3) XUZX



4) HEJH



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

Hence, "PMRN" is the correct answer.

10. Answer: a

Explanation:

The patten followed here is : Consecutive multiple of 3 is added.

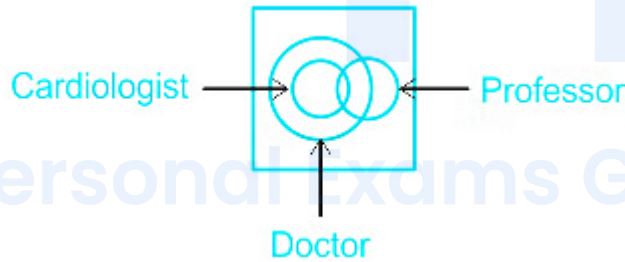


Hence, "97" is the correct answer.

11. Answer: a

Explanation:

The correct Venn diagram representation is :



⇒As cardiologist is one of the type of doctor, so it is part of doctor. Therefore all cardiologist should come in doctor.

⇒Some doctors are also teachers, therefore some cardiologist and other doctor can be professor.

Hence, "Option - (1)" is the correct answer.

★ Additional Information

1. **Cardiologist** is one of the categories of types of the doctors and also can be professor too.

2. **Doctor** is a profession of treating the patients and can be professor too.
3. **Professor** is some someone who teaches at college or universities.

12. Answer: c

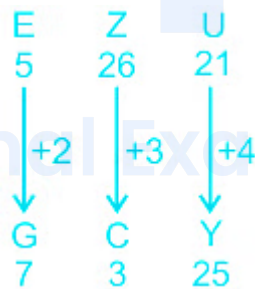
Explanation:

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

Logic : In each letter's position value consecutive number are added i.e (+2), (+3) and (+4) respectively in this serial order.

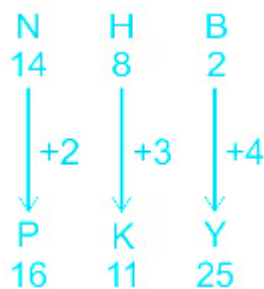
So,

- EZU : GCY



Similarly,

- NHB is written as :



Hence, "PKF" is the correct answer.

13. Answer: a

Explanation:

The patten followed here is :

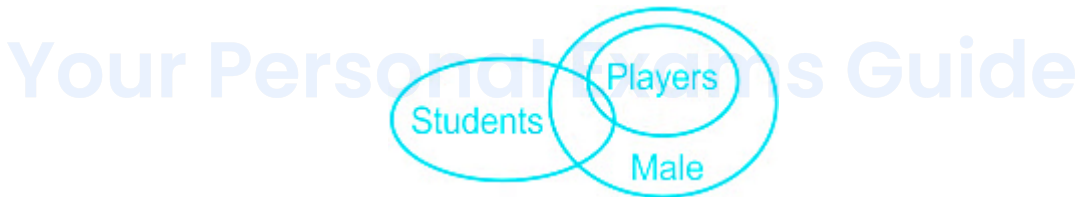


Hence, "1424" is the correct answer.

14. Answer: c

Explanation:

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



Conclusions:

I. All males are players → Does not follow (As all players are male, so all males are players is possible but not definitely true)

II. Some males are students → Follow (As s ome students are players, players are male. So, it is definitely true)

∴ Here, Conclusion II follow.

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

15. Answer: b

Explanation:

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

The pattern followed here is: Sum of the position value of each letter in the word - Number of consonants in that word.

So,

- REJECT is coded as :

$$18 + 5 + 10 + 5 + 3 + 20 = 61 - 4 \text{ (Number of Consonant)} = 57$$

Similarly,

- POISON is coded as :

$$16 + 15 + 9 + 19 + 15 + 14 = 88 - 3 \text{ (Number of Consonant)} = 85$$

Hence, "85" is the correct answer.

16. Answer: d

Explanation:

Given : H _ S _ _ P S _ _ P _ C

By checking options:

1) SCHCHS \Rightarrow HS SCH P SCH PS C \rightarrow (It doesn't Follows the pattern)

2) PCHHCS \Rightarrow HP S CH P SHC P S C \rightarrow (It doesn't Follows the pattern)

3) PHCCHS \Rightarrow HP SHC P S CH P S C \rightarrow (It doesn't Follows the pattern)

4) PCHCHS \Rightarrow HP S C / H P S C / H P S C \rightarrow (It does Follows the pattern of H P S C - H P S C - H P S C)



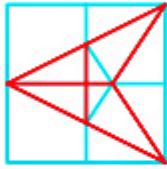





Option (4) Give a pattern of H P S C - H P S C - H P S C

Hence, the correct answer is "PCHCHS".

17. Answer: c

Explanation:

The image embedded in given figure is as shown below :

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

∴ Here, Option figure 3 is embedded reverse in given figure.

Hence, the correct answer is "Option-(3)".

18. Answer: a

Explanation:

The logic follows here is :- Going column wise.

$(1 \text{ st number} \times 3) + 2 \text{ nd number} = 3 \text{ rd number}$

So,

- 2nd column :)

$$(3)3$$

$$\Rightarrow (12 \times 3) + 14$$

$$\Rightarrow 36 + 14$$

$$\Rightarrow 50 = 50 \text{ (LHS = RHS)}$$

- 3rd column :

$$\Rightarrow (3 \times 3) + 17$$

$$\Rightarrow 9 + 17$$

$$\Rightarrow 26 = 26 \text{ (LHS = RHS)}$$

Similarly,

- 1st column :

$$\Rightarrow (9 \times 3) + 12 = ?$$

$$\Rightarrow 27 + 12 = ?$$

$$\Rightarrow ? = 39$$

Hence, the correct answer is "39".

19. Answer: b

Explanation:

The logic followed here is :

- Leather is a material used to make shoes.

Similarly,

- **Cloth** is a material used to make **shirt** .

Hence, "Cloth" is the correct answer.

★ Additional Information

1. Men wear shirts and other garments.
2. Cloth is a material used to make shirt, pants and other garments.
3. Tailor is the one who stich clothes.
4. Size is measurement of any item's dimensions.

20. Answer: b

Explanation:

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

According to the question,

Symbol	M	A	B	C
Meaning	+	-	÷	×

Given : 25B5C5M5A6

After replacing the symbols with their meanings, we get :-

= 25 ÷ 5 × 5 + 5 - 6

$$= 5 \times 5 + 5 - 6$$

$$= 25 + 5 - 6$$

$$= 30 - 6$$

$$= 24$$

Hence, "24" is the correct answer.

21. Answer: a

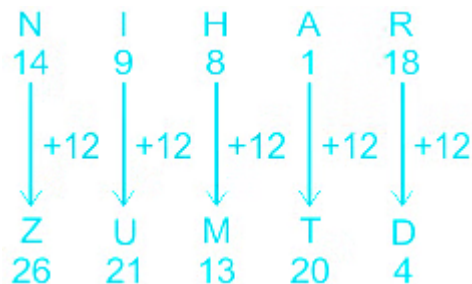
Explanation:

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

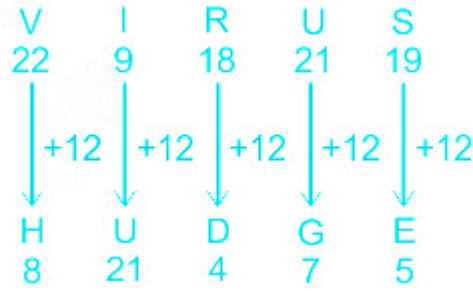
The pattern followed here is : Next 12th term is the code of each letter or (+12) is added to the position value of each letter.

So, **Your Personal Exams Guide**

- NIHAR is coded as :

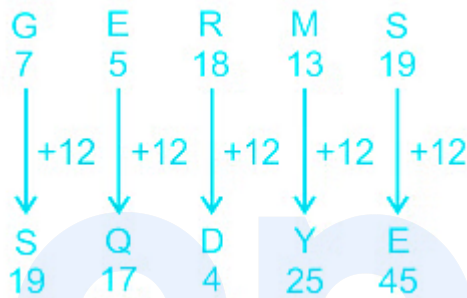


- VIRUS is coded as :



Similarly,

- GERMS is coded as :



Hence, "SQDYE" is the correct answer.

22. Answer: d

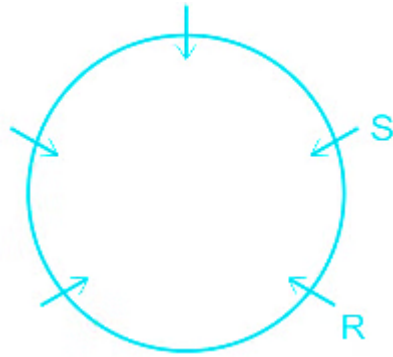
Explanation:

Given :

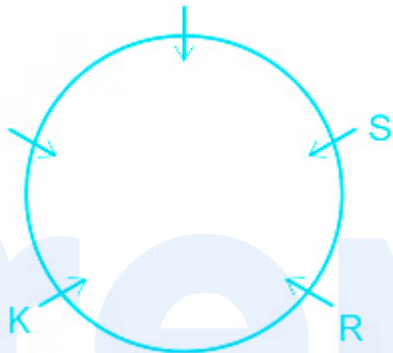
- Five friends – S, R, K, G and M
- They are sitting around a circular wooden table.
- All of them are facing towards the center of the table.

Explanation :

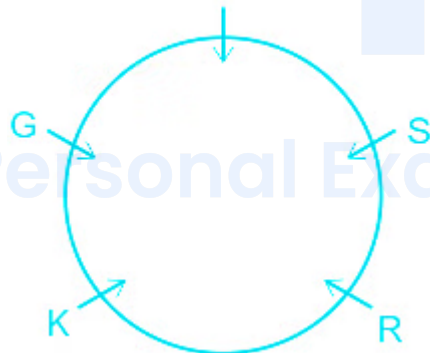
- 1) S is sitting to the right of R.



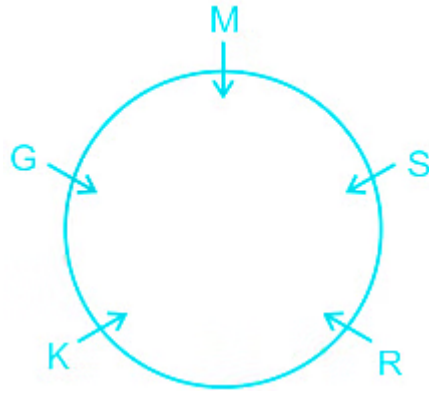
2) R is sitting between K and S.



3) G is sitting to the left of K.



4) M is sitting to the left of G.



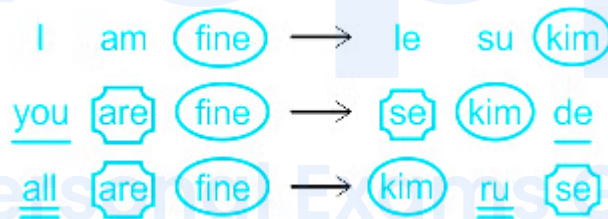
Thus, according to the final arrangement S is sitting between M and R.

Hence, "S" is the correct answer.

23. Answer: d

Explanation:

The pattern followed here is :



Word	fine	you	are	all	I / am
Code	kim	de	se	ru	le / su

As the code for 'are' and 'fine' are 'se' and 'kim' respectively, therefore code for 'all' is 'ru'.

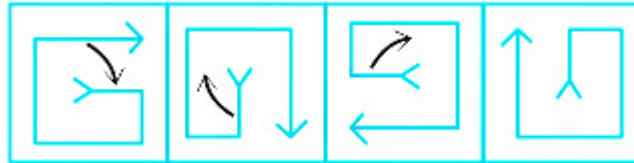
Hence, "ru" is the correct answer.

24. Answer: b

Explanation:

The pattern followed here is : Clockwise rotation

⇒The given figure (pointing arrow) in the box is rotating in the clockwise direction.



Hence, the correct answer is "Option-(2)".

25. Answer: c

Explanation:

Given :

- Three persons - A, B and C
- A - Has two-rupee coins
- B - Has five-rupee coins
- C - Has ten-rupee coins
- All of them have equal number of coins.
- Total amount = Rs 510

Explanation :

Let the total number of coins each have be = X

So, according to the question:

$$2X + 5X + 10X = 510$$

$$17X = 510$$

$$X = 30$$

So, each person has total of 30 coins with them.

Hence, "30" is the correct answer.

26. Answer: a

Explanation:

The correct answer is Siri.

★ Key Points

- **Alauddin Khalji**, the **second sultan of Delhi** and a member of the Khalji Dynasty, had the **Siri Fort** constructed in the **city of New Delhi**.
- It was constructed to **protect** the city from the **Mongol invasion**.
- It was the **second of the seven medieval Delhi settlements** that were constructed around **1303**.
- Alauddin also started work on the **Victory Tower**, a **minar** that was larger than the Qutab Minar, but it was **never finished**.
- Additionally, he dug up a reservoir known as **Hauz Khaz** to accommodate **Siri Town Township's** needs.

★ Additional Information

- **Mysore:**
 - From **1399 until 1947**, Mysore, a city in the **Karnataka region of southwest India**, served as the capital of the Kingdom of Mysore.
 - **Sind:**
 - **One of Pakistan's four provinces** is Sindh.
 - **Bengal:**
 - Between the **Himalayas and the Bay of Bengal**, in eastern India, sits the state of Bengal.
-

27. Answer: c

Explanation:

The correct answer is Groundnut.

★ Key Points

- Kharif crops, also known as **monsoon crops**, are **domesticated plants** that are **grown and harvested** in South Asia during the **rainy season**, which can run anywhere from **April to October**.
- **Rice, maize, sorghum, finger millet, ragi, bajra (cereals), arhar (pulses), soyabean, groundnut (oilseeds), cotton, etc.** are among the kharif crops.

★ Additional Information

- In **South Asia**, rabi crops—also known as **rabi harvest**— are agricultural crops that are **grown in the winter and harvested in the spring**.
- **Wheat, barley, oats, chickpeas and gram (pulses), linseed, mustard (oilseeds)**, and other crops are considered rabi crops.

28. Answer: c

Explanation:

The correct answer is Rabindranath Tagore.

★ Key Points

- **Rabindranath Tagore** wrote the book 'The Golden Boat'.
- **Bengali poet, Brahma Samaj philosopher, visual artist, playwright, novelist, painter, and composer** Rabindranath Tagore also created **music**.
- He received the **Nobel Prize in Literature** and wrote the **Indian National Anthem**.
- In addition, he was a **cultural reformer** who **freed Bengali art** from restrictions that kept it within the purview of classical Indian forms.
- **Amar Shonar Bangla**, his compositions, was chosen as the **National Anthem of Bangladesh**, and the **National Anthem of Sri Lanka** was influenced by one of his works.

- Gitanjali, The Home and the World, Nationalism, An Anthology, The Heart of God: Prayers of Rabindranath Tagore, Fireflies, The Religion of Man, Chokher Bali, Stray Birds, The Essential Tagore, Gora, The Post Office, The Gardener, Chaturanga – A Novel, and The Postmaster are his novels.

★ Additional Information

Author	Books
Satyajit Ray	The Complete Adventures of Feluda, Deep Focus, The Collected Short Stories, Speaking of Films, The Diary of a Space Traveller and Other Stories, The Mystery of Munroe Island and Other Stories, etc.
Munshi Prem Chand	Godaan, Pratigya, Nirmala or Idaara-e-Furoogh, Shatranj Ke Khiladi, etc.
RK Narayan	The English Teacher , Waiting for the Mahatma , The Guide , The Man-Eater of Malgudi , The Vendor of Sweets, and A Tiger for Malgudi, etc.

29. Answer: b

Explanation:

The correct answer is Nitish Kumar.

★ Key Points

- Since February 22, 2015 , Nitish Kumar, an Indian politician, has been the **chief minister of Bihar**.
- He is the head of the **J anata Dal (United) and a former Union Minister**.
- As chief minister, he appointed over **100,000 teachers** for schools, made sure that doctors worked in **primary health centers**, **electrified** many villages, paved roads, **reduced female illiteracy** by half, turned around a lawless state by

harshly prosecuting criminals, and increased the average Bihari's income by twofold.

★ Additional Information

- **Vijay Sinha:**
- In the **Bihar Legislative Assembly since 2010**, he represents the **Lakhisarai constituency** as a **Bharatiya Janata Party** member.
- **Tejashwi Yadav:**
- **Former professional cricketer** turned politician **Tejashwi Prasad Yadav** is currently the **deputy chief minister of Bihar**.
- **Chirag Paswan:**
- **Politician, former actor, and leader of the Lok Janshakti Party** **Chirag Kumar Paswan** hails from India.

30. Answer: a

Explanation:

The correct answer is 2010.

★ Key Points

- The **Indian rupee** is the **official currency** of the Republic of India.
- **Sher Shah Suri** introduced the **first rupee in India**. and the **Bank of Hindustan** printed the **first paper currency**.
- The Indian government approved the **currency's emblem on July 15, 2010**.
- The **symbol** for the Indian rupee represents Indian philosophy.
- Combining the **Roman capital "R"** and the **Devanagari "Ra,"** the symbol has **two parallel horizontal stripes** running across the top.
- The Union Cabinet accepted the new emblem on **July 15 after Shri D.Udaya Kumar**, a postgraduate of IIT Bombay, submitted his design.

31. Answer: b

Explanation:

The correct answer is Rohit Sharma.

★ Key Points

- A **Google-incubated and RBI-regulated NBFC** is called **Financepeer**.
- This **IIT/IIM alumni-founded business** specializes in **education fee financing**, which enables educational institutions to manage their budget effectively by paying all of the **student's fees** in advance while giving the parents the option to pay back in **convenient EMI**s.
- **Rohit Gajbhiye** is the **CEO and Founder**.
- Financepeer has collaborated with **star cricketer Rohit Sharma** as its **brand ambassador**.
- Sharma currently **endorses 24 brands** across categories like **finance, tech, lifestyle, healthcare and consumer goods**.
- Among these are global brands like **Adidas, Oakley and La Liga**.

★ Additional Information

Person	Brand Ambassador
Akshay Kumar	Fau-G, GOQii, Honda, Nirma, Policy Bazaar, Livguard Energy, Harpic, Suthol, Dollar, Tata Motors, PC Jewelers, Revital H, Lever Ayush, and Cardekho etc.
Sonu Sood	Dandera
Virat Kohli	Wrogn, Rage Coffee, Blue Tribe, Chisel Fitness, Nueva, One8 x Puma and One8 Commune, Galactus Funware Technology Pvt., Goa FC etc.

32. Answer: a

Explanation:

The correct answer is 80EEB.

★ Key Points

- The **Income Tax Act of 1961's Section 80EEB** focuses on the interest payments made on **loans** taken out to **purchase an electric vehicle** for **personal or professional use**.
- Both **two-wheelers and four-wheelers** can use it.
- One can avail Section 80EEB deduction **until the repayment of the loan** .
- A **deduction of up to 1,50,000** is permitted under **Section 80EEB**.
- One can purchase an **electric car** for your **own usage** or for use in your **business as an assessee**.
- In case, a person has purchased an **EV on loan** for **business purposes** and the interest amount **exceeds ₹1,50,000**, then the person can include the excess amount under business expenses.
- To do this, though, one needs to make sure that the company name or the **owner of the firm** is included on the **vehicle's registration**.

★ Additional Information

- **80DDB:**
 - **Individuals and Hindu Undivided Families** are eligible for **tax deductions** for medical expenses related to a certain condition under Section 80DDB
- **80GG:**
 - Section 80GG of the Income Tax Act provides deductions related to **house rent based on certain conditions**
- **80DD:**
 - Deduction under Section 80DD of the income tax act is allowed to **Resident Individuals or HUFs for a dependant-who is differently-abled** and- is **wholly dependent on the individual** (or HUF) for support & maintenance.

33. **Answer: c**

Explanation:

The correct answer is President of India.

★ Key Points

- According to **article 123** in **The Constitution Of India 1949**, **President** has power to **promulgate Ordinances** during recess of Parliament.
 - If at any time, except when both Houses of Parliament are in session, the President is satisfied that **circumstances exist** which render it necessary for him to take immediate action, he may **promulgate such Ordinances** as the circumstances appear to him to require.
 - An **Ordinance promulgated** under this article shall have the **same force and effect** as an **Act of Parliament**, but every such Ordinance –(a) shall be **laid before both Houses of Parliament** and shall **cease to operate at the expiration of six weeks** from the reassembly of Parliament, or, if before the **expiration of that period resolutions** disapproving it are passed by both Houses, upon the passing of the second of those resolutions; and(b) **may be withdrawn** at any time by the President.
 - If and so far as an **Ordinance** under this article makes any provision which **Parliament** would not under this **Constitution** be competent to enact, it shall be **void**.

34. Answer: c

Explanation:

The correct answer is Australia.

★ Key Points

- Dean Jones represented **Australia** in **Test matches** and **One Day International (ODI)** matches as a **cricket player, coach, and commentator** from Australia.
- His batting was frequently characterized by his **rapid running between wickets, dexterous footwork against both pace and spin**, willingness to take chances, and **intimidation of bowlers**.
- Jones was enshrined in the **Australian Cricket Hall of Fame** in 2019.

- He continued to be involved in cricket as a **coach, commentator, and writer** for **The Age** and **The Sydney Morning Herald** until he **retired in 1998**.
- Jones passed away at the **age of 59 on September 24, 2020 in Mumbai** after a stroke.

35. Answer: c

Explanation:

The correct answer is Radon.

★ Key Points

- The radioactive gas radon has **no flavor, color, or odor**.
- Radon is the **heaviest gas**.
- All rocks and soils contain **uranium**, which naturally **decays into radon** in the process.
- **Water** can contain radon as well.
- High amounts of radon, a **naturally occurring radioactive gas**, can be found in enclosed spaces like **houses and offices**
- Radon is one of the leading causes of **lung cancer**.
- Symbol: **Rn**
Atomic number: **86**

★ Additional Information

- **Oxygen:**
 - The chemical element with the **atomic number 8** and symbol **O** is called oxygen. It belongs to the periodic table's **chalcogen group**.
- **Helium:**
 - Chemical element helium has the **atomic number 2** and the **symbol He**. It is the first member of the **noble gas group** in the periodic table.
 - It is a **colorless, odorless, tasteless, non-toxic, inert, monatomic gas**.
- **Nitrogen:**
 - The chemical element with the **atomic number 7** and the **letter N** is known as **nitrogen**. The **lightest non-metal** in group **15** is nitrogen.

36. Answer: b

Explanation:

The correct answer is Amarkantak hills.

★ Key Points

- In Anuppur, Madhya Pradesh, India, there is a Nagar Panchayat and a pilgrimage town called Amarkantak.
- Amarkantak, also known as "Teerthraj" or "the king of pilgrimages," is a renowned Hindu pilgrimage site.
- The Maikal Hills serve as the pivot at the intersection of the Vindhya and Satpura Ranges.
- This is where the Narmada River, the Son River and Johila River emerge.

★ Additional Information

- **Mandu hills:**
 - An ancient city known as Mandu can be seen in the Dhar district's Mandav area today.
 - Because of the fort constructed by Baaz Bahadur in honor of his queen Rani Roopmati, it is well-known among tourists.
- **Pachmarhi hills:**
 - In the central Indian state of Madhya Pradesh, in the Narmadapuram district, is the hill station of Pachmarhi.
 - Due to its abundance of natural beauty, history, and culture, Pachmarhi is referred to as the "queen of the Satpuras" and is situated in the Satpura mountain range.
- **Omkareshwar hills:**
 - In Rajarajeshwari Nagar in South Bangalore, there is a small hill called Omkareshwara Hill.

37. Answer: c

Explanation:

The correct answer is BR Ambedkar.

★ Key Points

- In 1932, **B.R. Ambedkar and M.K. Gandhi** came to an agreement known as the **Poona Pact**.
- It was about the **political representation of the Depressed Classes**, which was a catch-all phrase for **Dalits, Untouchables, and Scheduled Castes**.
- The Poona Pact is a **brief document** that is written in a form that resembles law.
- **Nine points** were included in it, seven of which described how and how much the Depressed Classes would be **represented in the national and provincial legislatures**.
- In contrast to what the Award had suggested, it reserved **148 seats** from the **general electorate for Depressed Classes**.
- The Pact also recommended measures to ensure that the **community is fairly represented in public services** and **prohibited discrimination** against Depressed Classes.
- It also contained a provision that proposed the earmarking of a portion of the **state's educational grant for Depressed Classes**.

★ Additional Information

- **Motilal Nehru:**
 - **Indian lawyer, activist, and politician** Motilal Nehru belonged to the Indian National Congress.
- **Muhammad Ali Jinnah:**
 - The **founder of Pakistan** and an **anti-colonialist lawyer, politician, and statesman** was Muhammad Ali Jinnah.
- **Jawahar Lal Nehru:**
 - **Anti-colonial patriot, secular humanism, social democrat, and novelist** Jawaharlal Nehru was from India.
 - In the **1930s and 1940s**, Nehru was a key figure in the **Indian nationalist movement**.

38. Answer: d

Explanation:

The correct answer is Barometer.

★ Key Points

- A **barometer** is a device that measures **changes in air pressure** above or below **sea level** as a **function of altitude**.
- In order for a barometer to function, the **mercury weight inside the glass tube** must be balanced with respect to the **atmospheric pressure**.
- The most popular kind of **barometer** for use at home is the **aneroid**.
- The **aneroid cell volume** is very sensitive to changes in **atmospheric pressure** as it **expands and contracts** as **air pressure decreases or increases**.

★ Additional Information

- **Ammeter:**
 - An ammeter is a measuring instrument which is used for the **measurement of electric current** in an electric circuit.
- **Photometer:**
 - A device that **measures light intensity** or, more specifically, that compares the **relative intensities of various lights**, or their respective illuminating powers.
- **Bolometer :**
 - A bolometer is a device that uses a substance with a **temperature-dependent electrical resistance** to measure **radiant heat**.

39. Answer: d

Explanation:

The correct answer is Kerala.

★ Key Points

- East of Thripunithura , on a hillside, is where the Hill Palace Museum is located.
- Since 1855, the rulers of Cochin have had their official residence in this Royal Mansion.
- The historical evidence suggests that Ravi Varma , who governed between 1853 and 1864, constructed the oldest building in this royal complex.
- The palace complex, which consists of 49 buildings, displays Kerala's traditional ancient architectural dogmas.
- One needs to climb around 200 steps from the place entrance to reach the main door.
- After the passing of Rama Varma Pareekshit Thampuran in 1964, the Hill palace complex came under the control of the Palace Administration Board.
- The University of Cochin was given the palace for lease by the Administration Board in 1972.

40. Answer: d

Explanation:

The correct answer is Madhya Pradesh.

★ Key Points

- The Muslim saint Pir Budhan's shrine hosts the Pir Budhan festival throughout the months of August and September.
- Since roughly 250 years ago , this fair has been held in the Samvara area of the Shivpuri district, Madhya Pradesh.
- Baba Budhan Ali Shah is another name for Pir Budhan Shah .
- He was a revered Sufi pir who discussed religion with Guru Nanak in Rawalpindi and eventually embraced Gurmat philosophy during the reign of Guru Har Gobind.
- Khajuraho Dance Festival, Ujjain Kumbh Mela, Lokrang Festival Nagaji Fair etc. are some of the fairs of MP.

41. Answer: c

Explanation:

The correct answer is Coparcenary inheritance.

★ Key Points

- **Hindu Succession Law-related issues** are referred to as coparcenary.
- It describes a person who, by **virtue of birth**, is capable of **assuming a legal right** to his **ancestors' property**.
- "**Unity of title, possession, and interest**" is what it signifies.
- The **coparcenary rule of inheritance**, which the Mughals followed, **split the entire empire** among all the sons.
- They did not adhere to the **primogeniture principle**, according to which the **father's property was given to the eldest son**.

★ Additional Information

- **Ancestral property:**
 - Ancestral property is the possessions that a Hindu **inherits by birth** from his or her father, father's father, or father's father's father.
- **Rule of primogeniture:**
 - The **firstborn legitimate child** of a deceased person receives their **inheritance** under the principle of primogeniture.
- **Self-acquired intestate:**
 - A succession that occurs intestate is one that **does not have a will**. When a **person passes away** without leaving a will dictating who gets what, it's known as **dying intestate**.

42. Answer: b

Explanation:

The correct answer is 19 November.

★ Key Points

- World Toilet Day is a **United Nations observance** that honours toilets while also bringing attention to the **4.2 billion people** who lack access to **properly maintained sanitation**.
- Achieving **Sustainable Development Goal 6**, **water and sanitation for all by 2030** requires taking action to address the **global sanitation issue**.
- World Toilet Day is celebrated on **19 November 2020**
- **Sanitation systems, including toilets, septic tanks, and treatment facilities**, are at risk from flood, drought, and increasing sea levels.

★ Additional Information

- Everybody needs access to **environmentally friendly sanitation** that can **survive climate change** and maintain livable communities.
- World Toilet Day 2020 Theme - **Sustainable sanitation and climate change**.
- World Toilet Day 2021 Theme - **Valuing Toilets**.

43. Answer: a

Explanation:

The correct answer is The US.

★ Key Points

- An **agreement for the electronic sharing** of customs data connected to **postal shipments** exchanged between **India Post, the Department of Posts, and the United States Postal Service (USPS)** has been reached.
- The agreement would **enable customs clearance** of postal items in advance in accordance with the **expanding international postal framework** and would make it feasible to **transmit and receive electronic data** of **international postal items** prior to their actual arrival at the destination.

- Additionally, this will enhance the **security, visibility, and dependability of postal services.**
- **USA** is the **top export destination** for India (~17%) which is also reflected in the **exchange of goods through the postal channel.**
- In **2019**, around **20% of outbound EMS** and **30% of Letters & Small Packets** transmitted by **India Post** were destined to USA whereas **60% of the Parcels** received by **India Post** were originated from **USA.**

44. Answer: b

Explanation:

The correct answer is Wimbledon.

★ Key Points

- Wimbledon is the shorthand name for the **Wimbledon Championships.**
- It is regarded as the **most prestigious tennis competition** in the world and also the **oldest.**
- It has been hosted at the **All England Club in Wimbledon, London, since 1877 .**
- Since **2019**, the two main courts have been covered by **retractable roofs.**
- The **Australian Open, French Open, and US Open** are the other three Grand Slam tennis competitions, along with Wimbledon.
- The only major currently held on **grass**, the customary court for tennis, is Wimbledon.
- Additionally, it is the only Grand Slam that **still enforces a curfew at night** , despite the fact that matches can now go on **until 11 p.m. under lights.**

★ Additional Information

- **French Open:**
 - A major tennis competition called the French Open, sometimes referred to as **Roland-Garros**, is contested over two weeks at the **Stade Roland Garros in Paris, France**
- **Australian Open:**

- An annual tennis competition called the Australian Open takes place in Melbourne, Australia's Melbourne Park.
- **US Open:**
 - An **annual hardcourt tennis competition** called the US Open Tennis Championships takes place in **Queens, New York**.

45. Answer: b

Explanation:

The correct answer is Brain.

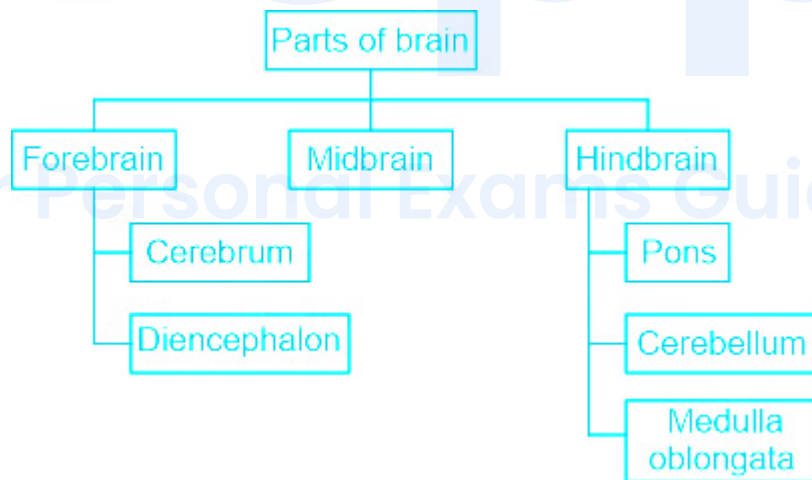
★ Key Points

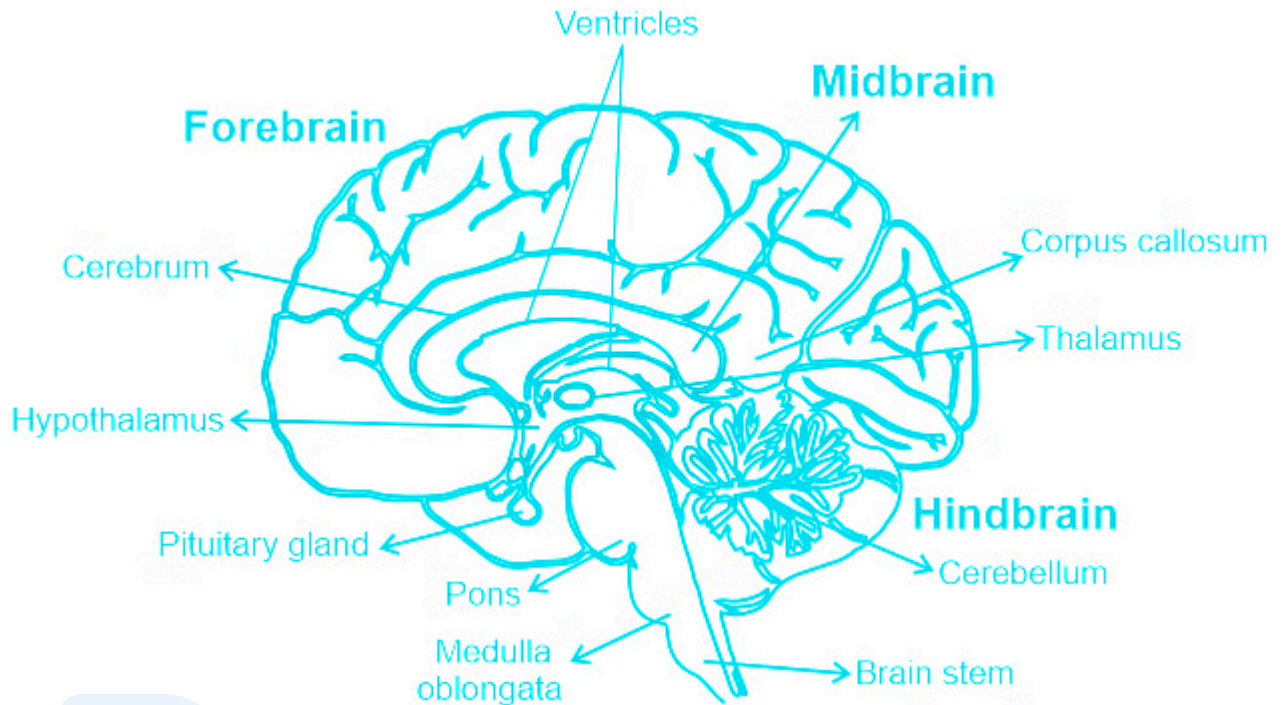
- **Epilepsy** is sometimes called a **seizure disorder**.
- It is a **disorder** of the brain.
- When a person experiences **two or more seizures**, epilepsy is declared to be present.
- A seizure is a **brief alteration in regular brain function**.
- The primary indicator of epilepsy is **seizures**.
- **Symptoms:**
 - a **brief feeling of confusion** sometimes called a "fuzzy" feeling.
 - A **staring spell**.
 - **jerky, uncontrollable motions** of the legs and limbs.
 - **loss of awareness** or consciousness.
 - **Out-of-body experiences** or a lack of "in the present" feeling is psychic symptoms.
 - **Memory problems**.
- There's currently **no cure** for epilepsy, but it can be managed with **medications and other strategies**.

★ Additional Information

- The brain has **three major parts or regions**, namely the fore-brain, mid-brain, and hind-brain.
- The fore-brain:

- It is the main thinking part of the brain.
- It is considered to be the most important part of the brain because it performs all cognitive, emotional, and motor activities.
- Separate areas of the fore-brain are specialized for hearing, smell, sight, and so on.
- The mid-brain:
 - The midbrain is relatively small in size and it connects the hindbrain with the forebrain.
 - A few neural centers related to some special reflexes and visual and auditory sensations are found here.
 - An important part of the midbrain, known as the Reticular Activating System (RAS), is responsible for our arousal. It makes us alert and active by regulating sensory inputs.
- The Hind Brain:
 - Its main components are medulla oblongata, cerebellum, and pons.
 - This part of the brain regulates basic life-supporting activities like breathing, heart rate, and blood pressure.
 - It also maintains and controls posture and equilibrium of the body.





46. Answer: b

Explanation:

The correct answer is Mayor.

★ Key Points

- The **top officer** in a **municipal government**, such as that of a **city or town**, is the **mayor**.
- The **Municipal Corporation's meetings** are **presided** over by the **Mayor**, who serves as the **corporation's nominal leader**.
- He promotes **good working relationships** between the **Councillors** and serves as the **Council's main spokesperson**.

★ Additional Information

- In India, a **municipal corporation** is a form of **local government** responsible for **managing urban regions** with a population of **more than a million people**.

- It has three authorities namely the **council, standing committees, and the commissioner.**
- They are established in the **states by the act of the concerned state legislature,** and in the **UTs by the acts of the parliament of India .**

47. Answer: d

Explanation:

The correct answer is **hospices.**

★ **Key Points**

- **Khanqahs, also known as hospices of silk,** are buildings made specifically for **Sufis.**
- **Muslim mystics known as sufis** eschewed **religious pretense** and emphasized **love and devotion to God** as well as **compassion** for other people.
- **Sufi pilgrims** congregate in **Khanqahs** for a **spiritual reason.**
- It is located in **Albania, Turkey, Iran, and North Africa.**
- **Khanqahs** are also known as **Dargahs in South Asia.**
- It is a structure made up **numerous halls with various features and sizes.**
- For daily prayer, Muslims flock to this location in **India's Maner Sharif,** which dates back about **800 years.**

★ **Additional Information**

- **Dargahs:**
 - A dargah is a **shrine or tomb** constructed over the **grave of an important religious figure,** sometimes a **dervish or saint of the Sufi faith.**
- **Stupas:**
 - Stupas are a significant type of **Buddhist architecture.** It is typically thought of as a **sepulchral monument,** which is a **place of burial or a storage for religious items.**
- **Shrines:**
 - Shrines are sacred or **holy places** where a particular **deity, ancestor, hero, martyr, saint, daemon, or other similar respectable character** is honored

and worshipped.

48. Answer: a

Explanation:

The correct answer is Role of inorganic material.

★ Key Points

- The material that covers the **earth's surface** , known as **soil**, is created as a result of **rock weathering** .
- It's primarily composed of **mineral atoms, organic substances, air, water, and living things**, all of which interact slowly yet continuously.
- It takes **two steps** to generate soil:
- The **weathering of rocks occurs** .
- **Small fragments of rock** are produced.
- Soil is created when these **tiny particles combine with humus, an organic substance**.
- The **parent material**, which determines the **mineral content** and greatly influences the **chemical and physical qualities** of the soil, is the first step in the **soil formation process**.
- Materials that are incorporated into the soil, such as new mineral materials **deposited by wind or water or organic matter (OM)** , which is composed of **decaying plants and other living things**.
- **Sand, silt, clay, and OM** are examples of soil particles that can be **eroded, leached, or harvested from the soil by wind, water, or plant uptake** , changing the **chemical and physical composition of the soil**.
- Sand is chemically weathered, clay minerals are formed, and **coarse organic matter** is transformed into decay-resistant organic compounds.
- **Mineral or organic soil components** moving between layers or within the profile.
- This process becomes one of the more observably prominent ones over time as **changes in color, texture, and structure become obvious**.

49. Answer: a

Explanation:

The correct answer is 3,996–12,375.

★ Key Points

- Gross national income per capita in US dollars of upper-middle-income countries as per World Bank classification falls between 3,996–**12,375**, as of July 2019.
- The **world's economies** are divided into **four income groups** by the **World Bank**: low-income, lower-middle-income, upper-middle-income, and high-income countries.
- **Every year on July 1**, classifications are revised based on **GNI per capita in current USD** from the preceding year.
- **GNI per capita** varies for each nation depending on variables including economic development, inflation, currency exchange rates, and population growth.
- The **Special Drawing Rights (SDR) deflator** is used which is a **weighted average of the GDP deflators** of China, Japan, the United Kingdom, the United States, and the Euro Area.

Group	July 1, 2020 (new)	July 1, 2020 (new)
Lower-middle income	1,036 - 4,045	1,026 - 3,995
Upper-middle income	4,046 - 12,535	3,996 - 12,375
Low income	< 1,036	< 1,026
High income	> 12,535	> 12,375

50. Answer: d

Explanation:

The correct answer is Karishma Yadav.

★ Key Points

- Karishma Yadav is an **International hockey player**.
- In **August 2020**, she earned the **Madhya Pradesh** government's **Vikram Award** for outstanding **athletic achievement**.
- The **highest sports prize** in Madhya Pradesh, the **Eklavya Award**, was given to Kumari Karisma Yadav in **2015** by **Chief Minister Shivraj Singh Chauhan**.

★ Additional Information

- **Niki Pradhan:**
- Nikki Pradhan plays **field hockey professionally** and for the **Indian national team**.
- **Sharmila Devi:**
- Sharmila Devi plays **field hockey** for India. **Herar, Haryana**, is her native city.
- **Vandana Katariya:**
- In field hockey, Vandana Katariya represents India. The **Indian national team** uses her as a **forward**.

Your Personal Exams Guide

51. Answer: a

Explanation:

Given:

Excluding stoppages, the speed of a bus is 60 km/h.

Including stoppages, it is 48 km/h.

Formula used:

Distance = Speed × Time

Calculation:

The average speed (including stoppages) = 48 km/h

The average speed (excluding stoppages) = 60 km/h

At this speed, time is taken by bus to travel 48 km = $48/60$

⇒ $4/5$ hrs or 48 minutes

So at a speed of 60 km/h, the bus can travel a distance of 48 km every 48 minutes.

For every hr, the bus stops for = $60 - 48$

⇒ 12 minutes

∴ The bus stops per hour for 12 min.

52. Answer: a

Explanation:

Given:

Cost price = Rs. 850

Discount = 15%

Profit = 10%

Concept used:

Selling price = Cost price × (100 + profit)%

Selling price = Marked price × (100 - discount)%

Calculation:

Selling price of the article = $850 \times 110\%$

⇒ 935

Now,

Marked price = $935 \times (100/85)$

⇒ 1100

∴ Its marked price (in ₹) is 1100.

53. Answer: c

Explanation:

Given:

The seats allotted for ECE, Mechanical and civil Engineering in a college are in the ratio 3 : 4 : 5.

Seats increased by 20%, 35% and 44% respectively

Calculation:

Let seats be 30x, 40x, and 50x

Now,

Increased seats of ECE = $30x \times 120\%$

⇒ 36x

Increased seats of Mechanical = $40x \times 135\%$

⇒ 54x

Increased seats of Civil engineers = $50x \times 144\%$

⇒ 72x

Now,

New ratio = $36x : 54x : 72x$

$\Rightarrow 2 : 3 : 4$

\therefore The ratio of the increased seats will be $2 : 3 : 4$.

54. Answer: b

Explanation:

Given:

$5 + 5 \text{ of } 5 \div 5 - 13 \div 5 - 2 \text{ of } 3 \div 3$

Concept used:

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

Calculation:

$5 + 5 \text{ of } 5 \div 5 - 13 \div 5 - 2 \text{ of } 3 \div 3$

$\Rightarrow 5 + 25 \div 5 - 13 \div 5 - 6 \div 3$

$\Rightarrow 5 + 5 - 13/5 - 2$

$\Rightarrow 10 - 13/5 - 2$

$\Rightarrow \frac{50-13-10}{5}$

$$\Rightarrow \frac{27}{5}$$

∴ Required answer is $\frac{27}{5}$.

55. Answer: c

Explanation:

Given:

Selling price = Rs. 99

Profit = 10%

Concept used:

Cost price \times (100 + profit)% = Selling price

Loss % = (Loss/Cost price) \times 100

Calculation:

According to the question,

Cost price \times 110% = 99

\Rightarrow Cost price = $99 \times 100/110$

\Rightarrow Cost price = 90

Now,

Loss = 90 - 72

\Rightarrow 18

Loss % = (18/90) \times 100

\Rightarrow 20%

∴ The percentage of loss is 20%.

56. Answer: c

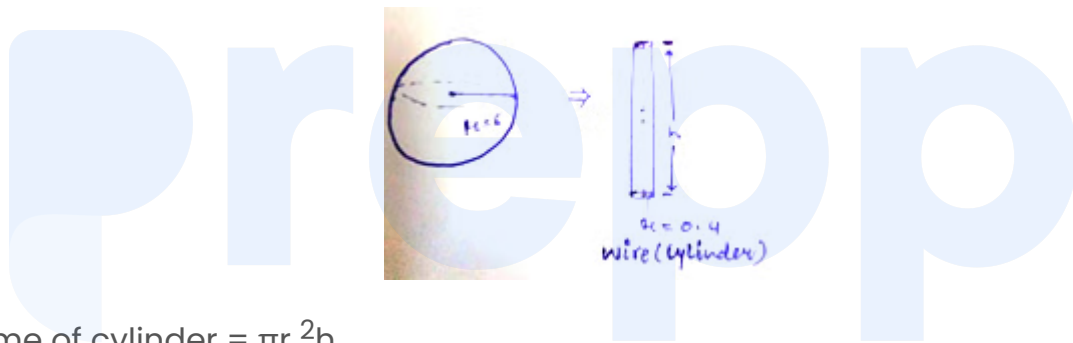
Explanation:

Given:

Radius of the sphere = 6 cm

Radius of the wire = 0.4 cm

Concept used:



Volume of cylinder = $\pi r^2 h$

Volume of sphere = $(4/3)\pi r^3$

Here,

r = radius

h = length

Calculation:

Radius of sphere R = 6 cm Radius of wire r = 0.2 cm and Let the length of wire be h

cm Volume of wire = volume of sphere As we know, Volume of cylinder = $\pi r^2 h$

Volume of sphere = $(4/3)\pi r^3$

Let the length of the wire be h

According to the question,

Volume of cylinder = Volume of sphere

$$\text{So, } \pi \times (0.4)^2 \times h = \left(\frac{4}{3}\right) \times \pi \times 6^3$$

$$\Rightarrow 0.4 \times 0.4 \times h = \left(\frac{4}{3}\right) \times 6 \times 6 \times 6$$

$$\Rightarrow h = 288/.16$$

$$\Rightarrow h = 1800 \text{ cm or } 18 \text{ m} \quad [\text{As } 1 \text{ m} = 100 \text{ cm}]$$

\therefore The length of the wire is 18 m.

57. Answer: b

Explanation:

Given:

The average of 4 terms is 60 and 1st term is $\frac{1}{3}$ of the remaining terms

Concept used:

Average = Sum of elements/number of elements

Calculation:

Let the sum of the remaining terms be $3x$

$$\text{So, 1st term} = 3x \times \left(\frac{1}{3}\right) = x$$

According to the question,

$$x + 3x = 4 \times 60$$

$$\Rightarrow 4x = 240$$

$$\Rightarrow x = 240/4$$

$$\Rightarrow x = 60$$

\therefore The first number is 60.

58. Answer: a

Explanation:

Given:

A certain sum amounts to ₹9,036 after 3 years and to ₹11484 after 7 years at the same rate per cent per annum at simple interest

Concept used:

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

$$C.I = P[(1 + R/100)^T - 1]$$

Here,

P = Sum

R = Rate

T = Time

Calculation:

Interest of the 4 years = 11484 - 9036

$$\Rightarrow 2448$$

So, interest for 3 years = 2448 \times (3/4)

$$\Rightarrow 1836$$

So, sum = 9036 - 1836

$$\Rightarrow 7200$$

Let the rate of interest be R

So,

$$1836 = (7200 \times R \times 3)/100$$

$$\Rightarrow R = 1836/(72 \times 3)$$

$$\Rightarrow R = 8.5$$

Now,

$$C.I = 7200[(1 + 17/100)^2 - 1]$$

$$\Rightarrow 7200[(117/100)^2 - 1]$$

$$\Rightarrow 7200[(13689/10000) - 1]$$

$$\Rightarrow 7200[(13689 - 10000)/10000]$$

$$\Rightarrow 7200[3689/10000]$$

$$\Rightarrow 2656.08 \approx 2656$$

\therefore The compound interest (in ₹) (to the nearest ₹) is 2656.

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59. Answer: b

Explanation:

Given:

The winner got 48% of the valid votes.

His opponent got 34% of valid votes and lost the election by 21000 votes.

Calculation:

Let the total number of votes be 100x

So, winner got = $100x \times 48\%$

$\Rightarrow 48x$

Opponent got = $100x \times 34\%$

$\Rightarrow 34x$

Now,

$$48x - 34x = 21000$$

$$\Rightarrow 14x = 21000$$

$$\Rightarrow x = 21000/14$$

$$\Rightarrow x = 1500$$

So, total votes = 1500×100

$$\Rightarrow 150000$$

\therefore The total number of valid votes is 150000 .

60. Answer: c

Explanation:

Given:

$$\text{Sum} = ₹ 14,175$$

$$\text{Ratio of share of A, B and C} = \frac{2}{3} : \frac{3}{5} : \frac{5}{6}$$

Calculation:

$$\text{LCM of 3, 5, and 6} = 30$$

Now,

$$A = 30 \times \frac{2}{3} = 20$$

$$B = 30 \times \frac{3}{5} = 18$$

$$C = 30 \times \frac{5}{6} = 25$$

Let share of A, B and C be $20x$, $18x$ and $25x$

So,

$$20x + 18x + 25x = 14175$$

$$\Rightarrow 63x = 14175$$

$$\Rightarrow x = 14175/63$$

$$\Rightarrow x = 225$$

Now,

$$C - A = 25x - 20x$$

$$\Rightarrow 5x = 5 \times 225$$

$$\Rightarrow 1125$$

\therefore The difference (in ₹) between the shares of A and C is 1125.

61. Answer: d

Explanation:

Given:

A shopkeeper buys goods for ₹6,000.

He sells 40% goods at a profit of 8%.

Calculation:

$$\text{Profit} = 6000 \times 25\%$$

$$\Rightarrow 1500$$

$$\text{Profit on 40\% of 6000} = 6000 \times 40\% \times 8\%$$

$$\Rightarrow 2400 \times 8\%$$

$$\Rightarrow 192$$

Now,

$$\text{Remaining profit} = 1500 - 192$$

$$\Rightarrow 1308$$

$$\text{Profit \%} = [1308 / (6000 - 2400)] \times 100$$

$$\Rightarrow 36.33 \approx 36.3\%$$

\therefore Required answer is 36.3%.

62. Answer: b

Explanation:

Given:

$$\text{Sum} = ₹ x$$

$$\text{Rate} = 8.5\%$$

$$\text{Difference} = ₹3,298$$

Concept used:

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

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

Here,

P = Sum

T = Time

R = Rate

Calculation:

$$4 \frac{4}{5} = 24/5$$

According to the question,

$$x + \frac{x \times 8.5 \times 24}{100 \times 5} - \frac{x \times 8.5 \times 12}{100} = 3298$$

$$\Rightarrow x + \frac{40.8x}{100} - \frac{102x}{100} = 3298$$

$$\Rightarrow \frac{100x + 40.8x - 102x}{100} = 3298$$

$$\Rightarrow \frac{38.8x}{100} = 3298$$

$$\Rightarrow \frac{x}{100} = 85$$

$$\Rightarrow x = 85 \times 100$$

$$\Rightarrow x = 8500$$

\therefore The value of x is 8,500.

63. Answer: d

Explanation:

Given:

The average of the reciprocal of the two numbers is $\frac{7}{48}$

The first number is three-fourth of the second number

Calculation:

Let the 2nd number be $4x$

So, the 1st number be $4x \times (3/4) = 3x$

So, their reciprocal = $1/4x$ and $1/3x$

Total = $1/4x + 1/3x = (3 + 4)/12x$

$\Rightarrow 7/12x$

Average = $[(7/12x)/2]$

$\Rightarrow 7/24x$

Here,

$7/24x = 7/48$

So, $x = 48/24 = 2$

So, the 1st number is 2×3

$\Rightarrow 6$

\therefore The first number is 6.

64. Answer: d

Explanation:

Given:

Two prime numbers x and y is 253

$(x > y)$

Calculation:

HCF of two prime numbers is always 1

So,

$$1 \times 253 = x \times y$$

$$\Rightarrow 253 = xy$$

Now by prime factorizing the number we get

$$253 = 11 \times 23$$

So, the numbers are 11 and 23

$$\text{Difference} = 23 - 11$$

$$\Rightarrow 12$$

\therefore The difference between the numbers x and y is 12.

65. Answer: d

Explanation:

Given: **Your Personal Exams Guide**

An athlete runs 8 times around a circular

The radius of the circular field = 14 m

Total time of running = 2 minutes 56 seconds

Formula Used:

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

Calculation:

$$\text{Circumference of field} = 2 \times (22/7) \times 14$$

⇒ 88 m

⇒ Total distance covered in 8 round = 8×88

⇒ 704 m

Now,

2 min 56 sec = 176 sec

Speed = $704/176$

⇒ 4 m/sec

∴ H is speed is 4 m/sec.

66. Answer: a

Explanation:

Given:

A loss of 12.5% is incurred when an article is sold for ₹630.

Concept used:

Selling price = Cost price - Cost price × loss%

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

Calculation:

Let the cost price of the article be 100x

Now,

$100x - 100x \times 12.5\% = 630$

⇒ $87.5x = 630$

$$\Rightarrow x = 630/87.5$$

$$\Rightarrow x = 7.2$$

$$\Rightarrow 100x = 720$$

So, cost price = Rs. 720

Now,

$$\text{Profit} = 840 - 720$$

$$\Rightarrow 120$$

$$\text{Profit\%} = (120/720) \times 100$$

$$\Rightarrow 100/6 = 16 \frac{2}{3} \%$$

\therefore The profit percentage if the article is sold for ₹840 is $16 \frac{2}{3} \%$.

67. Answer: a

Explanation:

Given: Your Personal Exams Guide

$$2\frac{1}{9} \div [3\frac{5}{6} - \frac{2}{3} \times (6\frac{1}{2} - 2\frac{1}{3})]$$

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:

$$2\frac{1}{9} \div \left[3\frac{5}{6} - \frac{2}{3} \times \left(6\frac{1}{2} - 2\frac{1}{3} \right) \right]$$

$$\Rightarrow \frac{19}{9} \div \left[\frac{23}{6} - \frac{2}{3} \times \left(\frac{13}{2} - \frac{7}{3} \right) \right]$$

$$\Rightarrow \frac{19}{9} \div \left[\frac{23}{6} - \frac{2}{3} \times \left(\frac{39-14}{6} \right) \right]$$

$$\Rightarrow \frac{19}{9} \div \left[\frac{23}{6} - \frac{2}{3} \times \frac{25}{6} \right]$$

$$\Rightarrow \frac{19}{9} \div \left[\frac{23}{6} - \frac{25}{9} \right]$$

$$\Rightarrow \frac{19}{9} \div \left[\frac{69-50}{18} \right]$$

$$\Rightarrow \frac{19}{9} \div \frac{19}{18}$$

$$\Rightarrow \frac{19}{9} \times \frac{18}{19}$$

$$\Rightarrow 2$$

∴ Required answer is 2.

68. Answer: d

Explanation:

Given:

Seema works at a rate such that she can finish the work in 28 h

Concept used:

Total work = Efficiency of the worker \times time taken by him

Calculation:

Let the efficiency of Seema be x units/h

Now,

Total work = $28 \times x$

$\Rightarrow 28x$

In 7 hours she will complete $7 \times x = 7x$ units

Remaining work = $28x - 7x = 21x$

If Seema completes the whole work in 16 hours then her efficiency = $28x/16$

$\Rightarrow 7x/4$

So,

The remaining work is completed = $21x / (7x/4)$

$\Rightarrow 12$ hours

Total time = $7 + 12$

$\Rightarrow 19$ hours

\therefore She will take 19 hours to finish this work.

69. Answer: a

Explanation:

Given:

758P09Q5 is divisible by 3

Concept used:

If a number is completely divisible by 3 if the sum of its digits is divisible by 3.

Calculation:

$$7 + 5 + 8 + P + 0 + 9 + Q + 5 = 34 + P + Q$$

Here,

$34 + P + Q$ is divisible by 3

The closest number which is divisible by 3 to the $34 + P + Q$ is 36

$$\text{So, } P + Q = 36 - 34$$

$$\Rightarrow 2$$

\therefore The least value of $P + Q$ is 2.

70. **Answer: b**

Explanation:

Given:

A pair of headphones marked at ₹1,600 is sold for ₹1,450.

Concept used:

$$\text{Discount \%} = (\text{Discount}/\text{Marked price}) \times 100$$

Calculation:

$$\text{Discount} = 1600 - 1450$$

⇒ 150

$$\text{Discount \%} = (150/1600) \times 100$$

⇒ Discount \% = 9.375 or 9.38%

∴ The percentage of discount(correct to two decimal places) is 9.38%.

71. Answer: c

Explanation:

Given:

X can complete $\frac{1}{4}$ of a work in 3 days

Y can complete $\frac{1}{6}$ of the same work in 4 days.

Calculation:

X can complete $\frac{1}{4}$ of a work in 3 days

So, X can complete the total work in $3 \times 4 = 12$ days

Similarly, Your Personal Exams Guide

Y can complete $\frac{1}{6}$ of the same work in 4 days.

So, Y can complete the total work in $4 \times 6 = 24$ days

LCM of 12 and 24 is 24 i.e total work

So, efficiency of X = $24/12 = 2$ units/day

Efficiency of Y = $24/24 = 1$ unit/day

In 6 days they will complete = 6×3

⇒ 18 units

$$\text{Remaining} = 24 - 18$$

⇒ 6 units will be completed by Z in 8 days

So, the efficiency of Z = $\frac{6}{8}$ or $\frac{3}{4}$

Now,

Effective efficiency of Y and Z = $1 + \frac{3}{4}$

$$\Rightarrow \frac{7}{4}$$

$$\text{Time} = \frac{24}{\frac{7}{4}}$$

$$\Rightarrow 24 \times \frac{4}{7}$$

$$\Rightarrow \frac{96}{7} \text{ or } 13 \frac{5}{7} \text{ days}$$

∴ They will take $13 \frac{5}{7}$ days to complete the same work.

72. Answer: b

Explanation:

Calculations:

Let the number be x.

After increasing by 75%,

$$\text{New number} = x + (x \times 75\%)$$

$$\Rightarrow x + \left(\frac{3x}{4}\right)$$

$$\Rightarrow \frac{7x}{4}$$

∴ The number should be multiplied by $\frac{7}{4}$.

73. Answer: a

Explanation:

Given:

$$(a + b) : (b + c) : (c + a) = 8 : 7 : 5$$

$$a + b + c = 60$$

Calculation:

$$a + b = 8 \quad \text{----(i)}$$

$$b + c = 7 \quad \text{----(ii)}$$

$$c + a = 5 \quad \text{----(iii)}$$

By adding eq (i), (ii) and (iii) we get,

$$2a + 2b + 2c = 20$$

$$\Rightarrow a + b + c = 10$$

Now,

$$\text{Here } 10 = 60$$

$$\text{So, } 1 = 6$$

$$a + b = 8 \times 6$$

$$\Rightarrow 48$$

$$\text{So, } c = 60 - 48$$

$$\Rightarrow 12$$

Putting the value of c in the eq (ii) we get,

$$b + 12 = 7 \times 6$$

$$\Rightarrow b = 42 - 12$$

$$\Rightarrow b = 30$$

Now,

$$a + 30 = 48$$

$$\Rightarrow a = 48 - 30$$

$$\Rightarrow a = 18$$

So,

$$a : b : c = 18 : 30 : 12$$

$$\Rightarrow 3 : 5 : 2$$

\therefore The ratio of $a : b : c$ is $3 : 5 : 2$.

74. Answer: c

Explanation:

Given: **Your Personal Exams Guide**

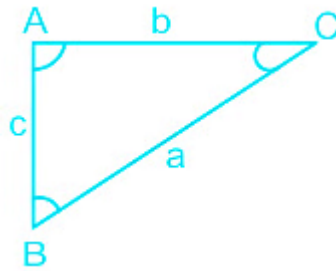
The area of a triangular field with sides 220 m, 231 m, and 319 m is equal to 15 times the area of a circular garden

Formula used:

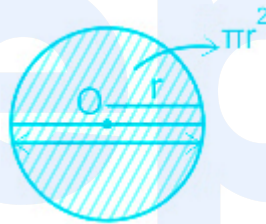
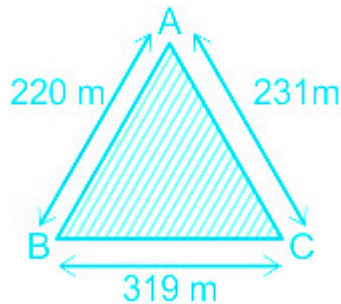
$$s = (a + b + c)/2$$

$$\text{Area of triangle} = \sqrt{[s (s - a) (s - b) (s - c)]}$$

where $s \rightarrow$ semi-perimeter of the triangle and a, b, c are the sides of the triangle.



Calculation:



$$s = (220 + 231 + 319)/2$$

$$\Rightarrow s = 770/2$$

$$\Rightarrow s = 385$$

Now,

$$\text{Area of triangle} = \sqrt{[385(385 - 220)(385 - 231)(385 - 319)]}$$

$$\Rightarrow \sqrt{[385 \times 165 \times 154 \times 66]}$$

$$\Rightarrow \sqrt{[11 \times 7 \times 5 \times 3 \times 11 \times 5 \times 7 \times 2 \times 11 \times 11 \times 3 \times 2]}$$

$$\Rightarrow 11 \times 11 \times 7 \times 5 \times 3 \times 2$$

$$\Rightarrow 25410 \text{ m}^2$$

According to the question,

$$25410 = 15 \times \pi r^2$$

$$\Rightarrow 1694 = \pi r^2$$

$$\Rightarrow r^2 = 1694 \times (7/22)$$

$$\Rightarrow r^2 = 539$$

$$\Rightarrow r = \sqrt{(49 \times 11)}$$

$$\Rightarrow r = 7\sqrt{11}\text{m}$$

So, the diameter of the garden = $2r = 14\sqrt{11}$ m

\therefore The diameter (in m) of the circular garden is $14\sqrt{11}$.

75. Answer: a

Explanation:

Given:

Sum = Rs. 12000

Rate = 9%

Concept used:

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

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

Here,

P = Sum

T = Time

R = Rate

Calculation:

Let the time be T

Now,

$$S.I = 18480 - 12000$$

$$\Rightarrow 6480$$

So,

$$6480 = (12000 \times T \times 9)/100$$

$$\Rightarrow 1080T = 6480$$

$$\Rightarrow T = 6480/1080$$

$$\Rightarrow T = 6$$

∴ Required time is 6 years.

76. Answer: c

Explanation:

The correct answer is option 3) i.e. 'Scrub.'

★ Key Points

- Let's look at the meaning of the given word :

Word	Meaning
Scour	to remove dirt from something by rubbing it hard with something rough

- Let's look at the meaning of the words given in the options:

Word	Meaning
Mark	a small area on the surface of something that is damaged, dirty, or different in some way
Dirty	marked with dirt, mud, etc., or containing something such as pollution or bacteria
Scrub	to rub something hard in order to clean it, especially using a stiff brush, soap, and water
Spot	a small, usually round area of colour that is differently coloured

- Clearly, the word 'Scrub' is closest in meaning to the given word 'Scour'.
- Therefore, the correct synonym of the given word is option 3 'Scrub.'

77. Answer: c

Explanation:

The correct answer is option 3) i.e. 'Antipathy.'

★ Key Points

- Let's look at the meaning of the marked option:
 - Antipathy- a feeling of strong dislike, opposition, or anger.
- Example :
 - *The white people showed strong **antipathy** towards dark-coloured people in Africa by passing apartheid laws.*
- Let's look at the meanings of the other given options:
 - Telepathy- the ability to know what is in someone else's mind.
 - Sympathy- an expression of understanding and care for someone else's suffering.
 - Empathy- the ability to share someone else's feelings or experiences by imagining what it would be like to be in that person's situation.

- Hence, from the given meanings, we find that 'Antipathy' is the correct one-word substitute.
- So, the correct answer is option 3.

Correct one-word substitute: Antipathy.

78. Answer: b

Explanation:

The correct answer is option 2) i.e. 'Graceful.'

★ Key Points

- Let's look at the meanings of the given word and marked option:

Word	Meaning
Clumsy	awkward in movement or manner
Graceful	a quality of moving in a smooth, relaxed, and attractive way

- Let's look at the meanings of the other given options:

Word	Meaning
Awkward	difficult to use, do, or deal with
Wilful	(of something bad) done intentionally or (of a person) determined to do exactly as you want, even if you know it is wrong
Stubborn	Things or people that are stubborn are difficult to move, change, or deal with

- Hence from the given meanings, we find that 'Clumsy' and 'Graceful' are antonyms.
- So, the correct answer is option 2.

★ Additional Information

- Let's look at the synonyms and antonyms for the given word 'Clumsy':
 - Synonyms:bulky, heavy-handed, inept, ponderous, ungainly, blundering.
 - Antonyms:adroit, agile, athletic, clever, expert, graceful.
-

79. Answer: d

Explanation:

The correct answer is option 4) i.e. "Increase the price . "

★ Key Points

- Let's look at the meaning of the given idiom/ phrase:
- The phrase 'Mark up' means ' to increase the price of something, so that you sell it for more than you paid for it.'
- *Example:*
 - *The dry fruit seller **marked up** the price by 10% for cashews .*
- Hence, the only possible answer is option 4 'Increase the price,' which exactly resembles the meaning of the given idiom/ phrase.

Correct meaning: Increase the price.

80. Answer: d

Explanation:

The correct answer is option 4) i.e. 'Caravan . '

★ Key Points

- Let's look at the meaning of the marked option:

- Caravan- a group of people with vehicles or animals who travel together for safety through a dangerous area, esp. across a desert on camels.
- Example :
 - *The **caravan** of traders will cross the desert in two days.*
- Let's look at the meanings of the other given options:
 - Cortege- a slowly moving line of people or cars at a funeral.
 - Cabal- a small group of people who plan secretly to take action, especially political action.
 - Choir- a group of people who sing together.
- Hence, from the given meanings, we find that 'Caravan 'is the correct one-word substitute.
- So, the correct answer is option 4.

Correct one-word substitute: Caravan.

81. Answer: d

Explanation:

The correct answer is option 4) i.e. 'permitted.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
approved	used to refer to something that is generally or officially accepted as being correct or satisfactory
admitted	to agree that something is true, especially unwillingly
sentenced	a punishment given by a judge in court to a person or organization after they have been found guilty of doing something wrong
permitted	to allow something

- The context of the sentence is that the children asked whether they might be allowed to remain up late.
- According to the above-mentioned points, the most appropriate word to fill the blank is "permitted."
- Therefore, the correct answer is Option 4.
- Another example :
 - *The authority of the park only **permitted** senior citizens to visit the park.*

Complete Sentence: *The children requested that they might be permitted to stay up late.*

82. Answer: b

Explanation:

The correct answer is option 2) i.e. "A plan succeeded perfectly ."

★ Key Points

- Let's look at the meaning of the given idiom/ phrase:
- The phrase 'Worked like a dream' means 'very well or very successfully.'
- *Example:*
 - *We completed the 10 km hiking **like a dream**.*
- Hence, the only possible answer is option 2 'A plan succeeded perfectly,' which exactly resembles the meaning of the given idiom/ phrase.

Correct meaning: A plan succeeded perfectly.

83. Answer: a

Explanation:

The erroneous part is option 1) i.e. 'Have you saw .'

★ Key Points

- The error lies in the part 'Have you saw.'
- The given sentence is in the interrogative form of the present perfect tense.
- In the present perfect tense, the verb is used in past participle form (V3).
- Therefore we have to use '**seen.**'
- In the given sentence we need to use 'Have you seen' in place of 'Have you saw' to make the sentence grammatically correct.
- Hence, the correct answer is option 1.

Correct sentence: *Have you seen my iPad anywhere?*

84. Answer: b

Explanation:

The correct answer is option 2) i.e. 'Cease.'

★ Key Points

- Let's look at the meanings of the given word and marked option:

Word	Meaning
Arouse	to stimulate action or bodily readiness for activity
Cease	to stop an action or condition

- Let's look at the meanings of the other given options:

Word	Meaning
Alert	quick to see, understand, and act in a particular situation
Provoke	to cause a reaction, especially a negative one
Thrill	a feeling of extreme excitement, usually caused by something pleasant

- Hence from the given meanings,we find that ' Arouse ' and ' Cease 'are antonyms.
- So,the correct answer is option 2.

★ Additional Information

- Let's look at the synonyms and antonyms for the given word 'Arouse ':
- Synonyms:awaken, foment, incite, inflame, instigate, provoke, rouse.
- Antonyms:calm, cease, discourage, disenchant, dissuade, halt.

85. Answer: b

Explanation:

The erroneous part is option 2) i.e. ' in recent time .'

★ Key Points

- The error lies in the part ' in recent time.'
- According to the rules of nouns '**time**' is an uncountable noun and it is singular in form.
- Here in the given sentence, the mishap of pollution caused due to burning of fossil fuel but, we don't know the definite number of time.
- Therefore we have to use the plural of 'time' which is '**times**.'
- In the given sentence we need to use ' in recent times' in place of ' in recent time ' to make the sentence grammatically correct.
- Hence, the correct answer is option 2.

Correct sentence:*The burning of fossil fuels is causing pollution **in recent times**.*

86. Answer: b

Explanation:

The correct answer is option 2) i.e. 'utilisation . '

★ Key Points

- The error lies in Part (affection)of the sentence.
- Let's look at the meaning of other given options:

Word	Meaning
caution	advice or a warning
utilization	the act of using something in an effective way
resolution	the act of solving a problem or finding a way to improve a difficult situation
construction	the work of building or making something

- The context of the sentence is rainwater collection and using them in an efficient way is very important.
- So we will replace the 'affection' with 'utilization . '
- Therefore, the use of 'affection' in the sentence should be replaced with ' utilisation 'to make it meaningfully correct .
- Therefore, the correct answer is Option 2.

Correct sentence: *The collection and **utilization** of rainwater is of vital importance.*

87. Answer: a

Explanation:

The correct answer is option 1) i.e. 'couldn't . '

★ Key Points

- The error lies in Part (couldn't able to)of the sentence.
- As per instructions, the remaining portion of the sentence is correct.

- The given sentence is conditional because the boys missed the bus hence it is evident they couldn't reach the school on time.
- Here '**couldn't**' is already negative in the tone which is why '**able to**' is redundant.
- So we will not use 'able to' after 'couldn't'
- Therefore, the use of 'couldn't able to' in the sentence should be replaced with 'couldn't' to make it grammatically correct .
- Therefore, the correct answer is Option 1.

Correct sentence: *As the boys missed the bus, they **couldn't** reach the school on time.*

88. Answer: b

Explanation:

The correct answer is option 2) i.e. 'No substitution required . '

★ Key Points

- There is no error in the sentence.
- According to the rules of question tag if a sentence begins with '**Let's or Let us**' then we have to use the question tag '**shall we.**'
- Here '**shall**' used to make decisions and offers about something.
- **Another Example:**
 - *Let's go to the beach, **shall we** ?*
- Therefore, the use of '**shall we?**' in the sentence is grammatically correct .
- Therefore, the correct answer is Option 2.

Correct sentence: *Let's go out for dinner tonight, shall we?*

89. Answer: a

Explanation:

The correct answer is option 1) i.e. 'Thick.'

★ Key Points

- Let's look at the meaning of the given word :

Word	Meaning
Dense	close together and difficult to go or see-through; thick

- Let's look at the meaning of the words given in the options:

Word	Meaning
Thick	(of particular things) close together with little space between them
Soft	not hard or firm
Fast	moving or happening quickly, or able to move or happen quickly
Low	close to the ground or the bottom of something

- Clearly, the word 'Thick' is closest in meaning to the given word 'Dense.'
- Therefore, the correct synonym of the given word is option 1 'Thick.'

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90. Answer: a

Explanation:

The correct answer is option 1) i.e. "Commercially."

★ Key Points

- The correct spelling is 'Commercially.'
- 'Commercially' means in a way that relates to the buying and selling of goods and services in order to make a profit.
- Example:
 - Farming cash crops are **commercially** beneficial for farmers.

- Therefore, 'Commerccially'is incorrectly spelt among the given options.
- Hence, option 1 is the correct answer.

★ Additional Information

- Let's know the meaning of other options:

Word	Meaning
Possibility	a chance that something may happen or be true
Incidentally	used about something that is connected to the main subject but is not as important
Purify	to remove bad substances from something to make it pure

91. Answer: b

Explanation:

The correct answer is option 2) i.e. "Explorashun."

★ Key Points

- The correct spelling is 'Exploration .'
- '**Exploration**' means the activity of searching and finding out about something.
- Example:
 - *The team of scientists is going on Amazon forest **exploration** .*
- Therefore, 'Explorashun'is incorrectly spelt among the given options.
- Hence, option 2 is the correct answer.

★ Additional Information

- Let's know the meaning of other options:

Word	Meaning
Specialist	someone who has a lot of experience, knowledge, or skill in a particular subject
Increment	one of a series of amounts that increase a total
Ridiculous	stupid or unreasonable and deserving to be laughed at

92. Answer: b

Explanation:

The erroneous part is option 2) i.e. 'for better.'

★ Key Points

- The error lies in the part 'for better.'
- When we use a **comparative degree**, it is preceded by 'the'.
 - Example: He is **the better** of the two players.
- Similarly, in this context, 'the' should be put before 'better'.

Therefore, the correct answer is: *Sidharth made earnest attempts to change for **the better**, but nothing happened.*

93. Answer: b

Explanation:

The correct answer is option 2) i.e. 'curious.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
eccentric	strange or unusual, sometimes in a humorous way
curious	interested in learning about people or things around you
odd	strange or unexpected
peculiar	unusual and strange, sometimes in an unpleasant way

- The context of the sentence is that Sita was interested in learning about some unknown incident that took place at her neighbour's place.
- According to the above-mentioned points, the most appropriate word to fill the blank is "curious."
- Therefore, the correct answer is Option 2.
- Another example :
 - *The audience was **curious** to know about the secret of success from the sportsman.*

Complete Sentence: Sita was **curious** to find out what had happened at the neighbour's place that morning.

94. Answer: a

Explanation:

The correct answer is option 1) i.e. 'Irrevocable.'

★ Key Points

- Let's look at the meaning of the marked option:
 - Irrevocable- impossible to change.
- Example :
 - *The prime minister's decision on poverty alleviation is **irrevocable**.*
- Let's look at the meanings of the other given options:

- Alterable- to change something, usually slightly, or to cause the characteristics of something to change.
- Absolute- very great or to the largest degree possible.
- Flexible- able to change or be changed easily according to the situation.
- Hence, from the given meanings, we find that 'Irrevocable' is the correct one-word substitute.
- So, the correct answer is option 1.

Correct one-word substitute: Irrevocable.

95. Answer: b

Explanation:

The correct answer is option 2) i.e. 'fast.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
equal	the same in amount, number, or size
fast	moving or happening or rising quickly, or able to move or happen quickly
uniform	the same; not changing or different in any way
slow	moving, happening, or doing something without much speed

- The context of the sentence is that the population of villages in England was increasing quickly and the population of the cities were rising more rapidly.
- According to the above-mentioned points, the most appropriate word to fill the blank is " fast."
- Therefore, the correct answer is Option 2.
- Another example :

- The train is running very **fast** to reach the destination on time.

Complete Sentence: Although the population of villages in England was rising at **afast** pace, that of the cities was increasing by leaps.

96. Answer: b

Explanation:

The correct answer is option 2) i.e. 'began.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
begun	past participle of begin
began	simple past of begin
begin	to start to do something; to start to happen or exist
beginning	the continuous form of begin

- The context of the sentence is that the well of the garden dried up in summer and no water was left for the plants and due to lack of water the rose dried up.
- Here the given paragraph is in past indefinite tense that's why the verb will be also in simple past form '**began.**'
- According to the above-mentioned points, the most appropriate word to fill the blank is "began."
- Therefore, the correct answer is Option 2.

Complete passage: One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) began to wilt. The rose saw a sparrow (2) dip its beak into the cactus for some water. The rose then felt (3) ashamed of itself for having made fun of the cactus all this time. But, (4) because it was in need (5) of

water, it went to ask the cactus if it could have some water. The kind cactus agreed, and they both got through summer as friends.

97. Answer: d

Explanation:

The correct answer is option 4) i.e. 'dip.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
dim	not giving or having much light
din	a loud, unpleasant confused noise that lasts for a long time
dish	a container, flatter than a bowl and sometimes with a lid, from which food can be served or which can be used for cooking
dip	to put something into a liquid for a short time

- The context of the sentence is that in the dry summer the rose saw a sparrow to put its beak into the cactus in search of water.
- According to the above-mentioned points, the most appropriate word to fill the blank is "dip."
- Therefore, the correct answer is Option 4.

Complete passage: One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) began to wilt. The rose saw a sparrow (2) dip its beak into the cactus for some water. The rose then felt (3) ashamed of itself for having made fun of the cactus all this time. But, (4) because it was in need (5) of water, it went to ask the cactus if it could have some water. The kind cactus agreed, and they both got through summer as friends.

98. Answer: a

Explanation:

The correct answer is option 1) i.e. 'ashamed.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
ashamed	feeling guilty or embarrassed about something you have done or about quality in your character
embarrass	to cause someone to feel nervous, worried, or uncomfortable
disgraced	to make someone feel ashamed or lose respect for himself or herself
humiliate	having lost people's respect because of bad behaviour that has been made public

- The context of the sentence is that as the rose was drying up due to lack of water it felt guilty of mocking the cactus because the cactus can even store water for the dry season.
- According to the above-mentioned points, the most appropriate word to fill the blank is "ashamed."
- Therefore, the correct answer is Option 1.

Complete passage: One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) began to wilt. The rose saw a sparrow (2) dip its beak into the cactus for some water. The rose then felt (3) ashamed of itself for having made fun of the cactus all this time. But, (4) because it was in need (5) of water, it went to ask the cactus if it could have some water. The kind cactus agreed, and they both got through summer as friends.

99. Answer: c

Explanation:

The correct answer is option 3) i.e. 'because.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
if	used to say that a particular thing can or will happen only after something else happens or becomes true
although	despite the fact that, or despite being
because	used before giving a short reason or explanation, especially when you think the reason or explanation is obvious or you do not want to explain more
why	for what reason

- The context of the sentence is that the rose was wilting due to lack of water and it went to the cactus to ask for water.
- According to the above-mentioned points, the most appropriate word to fill the blank is " because ."
- Therefore, the correct answer is Option 3.

Complete passage: One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) began to wilt. The rose saw a sparrow (2) dip its beak into the cactus for some water. The rose then felt (3) ashamed of itself for having made fun of the cactus all this time. But, (4) because it was in need (5) of water, it went to ask the cactus if it could have some water. The kind cactus agreed, and they both got through summer as friends.

100. Answer: c

Explanation:

The correct answer is option 3) i.e. 'of.'

★ Key Points

- Let's look at the use of the prepositions given in the options:

Preposition	Usage
from	used to show the place where someone or something starts; used to show the material of which something is made; to show a change in the state of someone or something
for	to denote intention to give; purpose; the result of something; show an amount of time or distance
of	used to indicate relating to, belonging to; to indicate reference; to specify the number or an amount
off	used to indicate away from someone or something; to denote moving away from a place, time or position

- The context of the sentence is that the rose was in need of water in summer time, so it asked the cactus for water.
- Here the preposition '**of**' is used to show the relation between the verb 'need' and the noun 'water.'
- According to the above-mentioned points, the most appropriate word to fill the blank is "of."
- Therefore, the correct answer is Option 3.

Complete passage: One summer, a well in the garden dried up and there was no water for the plants. The rose slowly (1) began to wilt. The rose saw a sparrow (2) dip its beak into the cactus for some water. The rose then felt (3) ashamed of itself for having made fun of the cactus all this time. But, (4) because it was in need (5)

of water, it went to ask the cactus if it could have some water. The kind cactus agreed, and they both got through summer as friends.

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