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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 (10-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.

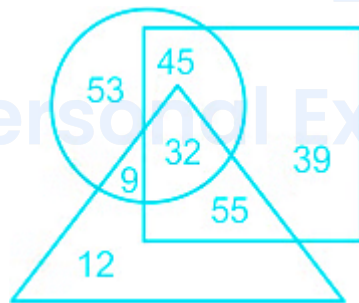
General Intelligence and Reasoning

1. What will be the value of the given expression if 'A' means '+', 'B' means '-', 'C' means 'x', and 'D' means '÷'? (+1, -0.25)

$$44 A 7 B (9 C 7) A (24 B 19) A (18 D 6) C 4$$

- a. 11
- b. 5
- c. 51
- d. 19

2. In the following diagram, the triangle stands for 'women', the square stands for 'mothers', and the circle stands for 'dancers'. The numbers given in the different segments represent the number of persons of that category. (+1, -0.25)



How many women are dancers but NOT mothers?

- a. 55
- b. 9
- c. 45
- d. 32

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

29, 33, 42, 58, 83, ?

- a. 157
 - b. 140
 - c. 119
 - d. 150
-

4. Six persons, A, B, C, D, E and F, are sitting in a straight line, all facing the same direction. E is sitting between B and F. A is third to the right of F. E is fourth to the left of A. C is not sitting next to A. Who is sitting between F and D? (+1, -0.25)

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

5. C is the son of A but A is not the mother of C. D and C are a married couple. E is the brother of C. F is the daughter of D. G is the brother of A. How is E related to F? (+1, -0.25)

- a. Uncle
- b. Father

- c. Sister-in-law
 - d. Brother
-

6. In a certain code language, STARTED is written as ATSRDET, and CLOSURE is written as OLCSERU. How will CONFIRM be written in that language? **(+1, -0.25)**

- a. NOFCMRI
 - b. NOCFMRI
 - c. NCOMFRI
 - d. NOCIRMF
-

7. Eight friends, A, B, C, D, E, F, G and H, are sitting anticlockwise in the same sequence around a circular table, facing the centre, at equal distances between them. If H is sitting in the south direction, in which direction is C sitting? **(+1, -0.25)**

- a. North-east
 - b. South-east
 - c. North
 - d. North-west
-

8. A cube is made by folding the given sheet. In the cube so formed, which number/symbol will be on the face opposite to the face showing '\$'? **(+1, -0.25)**

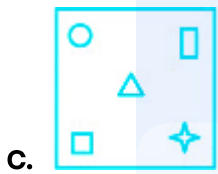
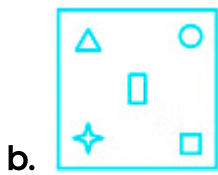
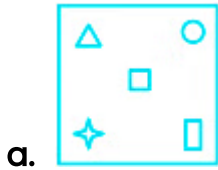


- a. 3
- b. #
- c. %
- d. 2

9. There are 46 students in a class. All the students take part in one or both of two activities i.e., Yoga and Dance. If 30 students take part in Yoga and 26 students take part in Dance, how many students take part in both Yoga and Dance? (+1, -0.25)

- a. 20
- b. 8
- c. 10
- d. 16

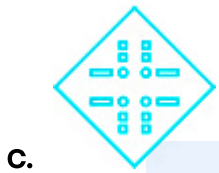
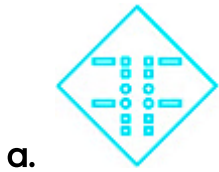
10. Select the figure that will replace the question mark (?) in the following series. (+1, -0.25)



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





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

PHW, SKZ, WOD, BTI, ?

- a. HZO
- b. HYN
- c. GAO
- d. GZP

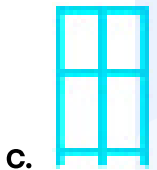
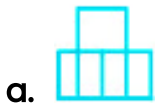
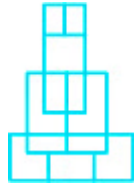
13. In a certain code language, 'PRETTY' is coded as 894773 and 'SCIENCE' is coded as 6524154. How will 'PRINCE' be coded in that language? (+1, -0.25)
- a. 892145
 - b. 891254
 - c. 892154
 - d. 891345
-

14. In a certain code language, SUNSET is written as RTMTFU. How will JORDEN be written in that language? (+1, -0.25)
- a. NIQFOE
 - b. INQEFO
 - c. INQEOF
 - d. INQFOE
-

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15. 'Body temperature' is related to 'Fever' in the same way as 'Body fat' is related to '_____'. (+1, -0.25)
- a. Blood
 - b. Obesity
 - c. Treatment
 - d. Food
-

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



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

PIXEL : OHALS :: JATIN : ?

- a. QLWDM
- b. QWDML
- c. WLRPM

d. PREMD

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

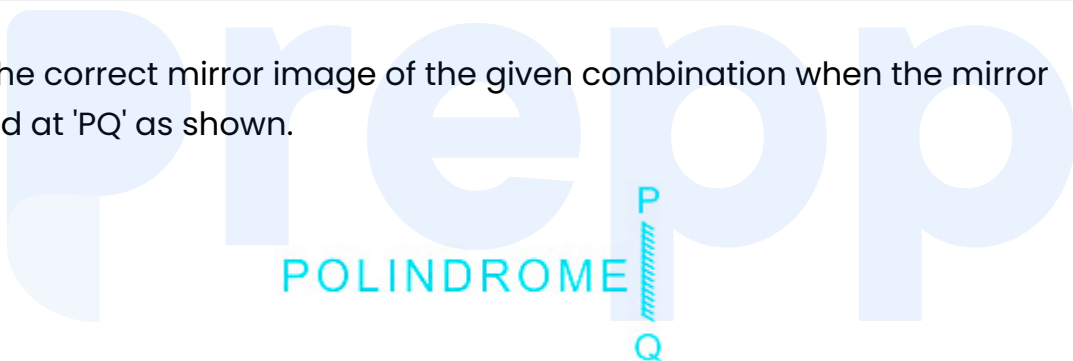
a. VOL

b. OSD

c. MAA

d. OTP

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



a. EMONIRIOP

b. ƆOƆINƆOWE

c. EMORNIIOƆ

d. ƆOƆIBƆIOWE

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

18 : 558 :: ? : 542 :: 10 : 442

- a. 11
- b. 15
- c. 19
- d. 9

21. Select the option in which the numbers are related in the same way as are the numbers in the given set. (+1, -0.25)

5, 10, 25

- a. 7, 11, 74
- b. 12, 15, 55
- c. 9, 15, 36
- d. 16, 12, 85



22. 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:

No painting is beautiful.

All colours are beautiful.

All wires are paintings.

Conclusions:

- I. Some paintings are colours.
 - II. Some paintings are wires.
- a. Either conclusion I or II follows
 - b. Only conclusion II follows
 - c. Both conclusions I and II follow
 - d. Only conclusion I follows
-

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

K _ T _ K R _ C _ R T _ K _ T C

- a. R C T K C R
 - b. R C T K T R
 - c. C R T L C R
 - d. T C T K C R
-

24. 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. Lethal
- 2. Leather
- 3. Leaves
- 4. Least

5. Lesion

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

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

2.5, 3.5, 7.5, 23.5, ?, 343.5

- a. 108.5
- b. 154.5
- c. 87.5
- d. 129.5

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General Knowledge and General Awareness

26. Who among the following is the author of the book 'The India Way: Strategies for an Uncertain World'? (+1, -0.25)
- a. Taranjit Singh Sandhu
 - b. Kanwal Sibal
 - c. Ajay Bisaria
 - d. S Jaishankar
-
27. Vandana Luthra is an Indian inspirational entrepreneur, who is the founder of: (+1, -0.25)
- a. SOVA
 - b. Body Cafe
 - c. VLCC Healthcare
 - d. Skin Yoga
-
28. Who among the following is the first Indian boxer to rank No.1 in the world in the 75-kg category by the International Federation (AIBA) ranking? (+1, -0.25)
- a. Shiva Thappa
 - b. Gaurav Bidhuri
 - c. Vijender Singh
 - d. Amit Panghal

29. Which form of dance involves balancing pots on the head of the dancer? (+1, -0.25)

- a. Cheraw
 - b. Bhavai
 - c. Marasia
 - d. Deodhani
-

30. Hepatitis B is a life threatening _____ infection. (+1, -0.25)

- a. kidney
 - b. liver
 - c. brain
 - d. heart
-

31. Which of the following states started India's first snow leopard census in 2020? (+1, -0.25)

- a. Himachal Pradesh
 - b. Jammu and Kashmir
 - c. Haryana
 - d. Uttarakhand
-

32. In which of the following states is Lonar Lake, an official Ramsar site, located? (+1, -0.25)

- a. Gujarat
 - b. Maharashtra
 - c. Tamil Nadu
 - d. Manipur
-

33. Who among the following became the Director General of Archaeological Survey of India (ASI) in 1861 and is often called the 'Father of Indian Archaeology?' (+1, -0.25)

- a. James Prinsep
 - b. Dominic Asquith
 - c. Alexander Cunningham
 - d. AO Hume
-

34. For how many oilseeds does the Commission for Agricultural Costs and Prices recommends minimum support prices as of January 2021? (+1, -0.25)

- a. Three
 - b. Seven
 - c. Five
 - d. Eight
-

35. What is the scientific name of the land on which crops are grown? (+1, -0.25)

- a. Fertile land

- b. Productive land
 - c. Ploughable land
 - d. Arable land
-

36. Who among the following established India's first post office in 1774 C.E.? (+1, -0.25)

- a. Warren Hastings
 - b. Robert Clive
 - c. Lord Mayo
 - d. Lord Cornwallis
-

37. Which of the following animals does NOT live in a burrow? (+1, -0.25)

- a. Rabbit
 - b. Woodchuck
 - c. Gopher
 - d. Tortoise
-

38. Which amendment of the Constitution of India increased the elective strength of the Lok Sabha from 525 to 545 members? (+1, -0.25)

- a. 31st
- b. 37th
- c. 50th

d. 45th

39. Triglycerides are a type of _____ (+1, -0.25)

- a. Vitamin
 - b. Fat
 - c. Carbohydrate
 - d. Protein
-

40. Hauz-i-Sultani was a large reservoir, just outside Delhi, constructed by: (+1, -0.25)

- a. Nasiruddin Mahmud
 - b. Sultan Iltutmish
 - c. Qutb-ud-din Aibak
 - d. Ghiyas-ud-din Balban
-

41. In which year the Constituent Assembly was converted into a Provisional Parliament? (+1, -0.25)

- a. 1949
 - b. 1953
 - c. 1947
 - d. 1950
-

42. What is the official distance to be covered in a marathon? (+1, -0.25)
- a. 15 miles 385 yards
 - b. 30 miles 385 yards
 - c. 20 miles 385 yards
 - d. 26 miles 385 yards
-

43. Which state topped the Index in Anemia Mukt Bharat Index 2020-21 (Up to October 2020)? (+1, -0.25)
- a. Tamil Nadu
 - b. Gujarat
 - c. Punjab
 - d. Haryana
-

44. Dara Shikoh was the son of: (+1, -0.25)
- a. Farrukhsiyar
 - b. Shah Jahan
 - c. Aurangzeb
 - d. Jahangir
-

45. Which Indian state, because of its unique topography, is called 'land of red river and blue hills'? (+1, -0.25)

- a. Himachal Pradesh
 - b. Assam
 - c. Kerala
 - d. Karnataka
-

46. Article 51A of the Constitution of India is related to: (+1, -0.25)

- a. right to property
 - b. fundamental rights
 - c. fundamental duties
 - d. directive principles of state policy
-

47. Which of the following is an insolvency prediction formula developed by Dr. Robert Altman? (+1, -0.25)

- a. Z trance
 - b. Z-score
 - c. Balloon balance
 - d. Loan to value (LTV)
-

48. Around 1810 AD, about _____% of indigo imported to Britain was from India. (+1, -0.25)

- a. 95

- b. 70
 - c. 30
 - d. 10
-

49. Which country was hit by 'Typhoon Molave' in October 2020? (+1, -0.25)

- a. India
 - b. Vietnam
 - c. Singapore
 - d. Maldives
-

50. Which of the following statements about Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PMJAY) is incorrect? (+1, -0.25)

- a. AB-PM-JAY is a completely cashless and paperless scheme.
- b. AB-PMJAY, per family, admitted for treatment in secondary and tertiary healthcare provider hospitals will get Rs. Provides health insurance/assurance up to Rs.5,00,000.
- c. AB-PMJAY provides health insurance/assurance for a family of up to two adults and three children below the age of 18 years.
- d. The benefits of AB-PMJAY can be availed anywhere in the country.

Elementary Mathematics

51. If the average of the numbers 8, 5, 3, k , $(k + 1)$ is 7, then what is the value of k ? (+1, -0.25)
- a. 7
 - b. 8
 - c. 9
 - d. 6
-

52. Due to the festive season, a shopkeeper offers 20% discount. Another discount of 5% is offered to customers who make a purchase of more than Rs. 5,000. Anupam purchased items marked for Rs. 7,500. How much did he save? (+1, -0.25)
- a. Rs. 2,000
 - b. Rs. 2,500
 - c. Rs. 1,800
 - d. Rs. 1,875
-

53. The compound interest on a certain sum of money for 2 years at 8% per annum compounded annually is Rs. 416. What is the simple interest on the same sum at the same rate for the same period? (+1, -0.25)
- a. Rs. 400
 - b. Rs. 380

c. Rs. 360

d. Rs. 375

54. The curved surface area of a right circular cylinder is 3432 cm^2 and its height is 10.5 cm. The volume (in cm^3) of the cylinder is (Take $\pi = \frac{22}{7}$): (+1, -0.25)

a. 82932

b. 82239

c. 83922

d. 89232

55. When an article is sold at Rs. 8,40,000, then the profit percentage is 20%. What is the cost price of the article? (+1, -0.25)

a. Rs. 8,00,000

b. Rs. 7,50,000

c. Rs. 7,00,000

d. Rs. 1,08,000

56. A and B together can complete a piece of work in 3 days, while C and D together can complete the same work in 6 days. In how many days can A, B, C and D complete it together? (+1, -0.25)

a. 3

b. $2\frac{1}{2}$

c. $2\frac{1}{4}$

d. 2

57. There are 3 containers of equal capacity and all are completely filled with a mixture of acid and water. The ratio of acid and water in the three containers is 1 : 4, 3 : 7 and 2 : 3, respectively. If the contents of all the 3 containers are mixed together, what is the ratio of acid to water in the mixture? (+1, -0.25)

a. 3 : 10

b. 9 : 14

c. 3 : 7

d. 9 : 7

58. Abhay sold 70% of his goods at a profit of 25%, 40% of the remaining goods at a loss of 40%, and the remaining goods at the cost price. What was his profit/loss percentage in the entire transaction? (+1, -0.25)

a. Profit 12%

b. Loss 10%

c. Loss 10.5%

d. Profit 12.7%

59. A person invested $\frac{1}{2}$ of his capital at 6%, $\frac{1}{4}$ at 8% and the remaining at 12%. If his annual income is Rs. 528, then find the capital. (+1, -0.25)

a. Rs. 6,100

- b. Rs. 5,900
- c. Rs. 6,300
- d. Rs. 6,600

60. Find the value of given expression.

(+1, -0.25)

$$\frac{\frac{5}{6} \div \frac{5}{2} \times 3 - 1 \text{ of } 2}{1 + 3 \div \frac{1}{3} \times 6 - 2}$$

- a. $-\frac{1}{5}$
- b. $-\frac{17}{90}$
- c. $-\frac{1}{53}$
- d. $-\frac{2}{5}$

61. What is the greatest five - digit number which on being divided by 6, 7, 8 and 9 leaves remainders 4, 5, 6 and 7, respectively?

(+1, -0.25)

- a. 99794
- b. 99997
- c. 99792
- d. 99790

62. 5 women and 2 men can complete a work in 4 days, while 6 women and 3 men can complete the same work in 3 days. How many days will one woman and one man working together take to complete the same work?

(+1, -0.25)

- a. 14

- b. $13\frac{1}{2}$
 - c. 12
 - d. 11
-

63. The average price of 10 books is Rs. 150, while the average price of 8 of these books is Rs. 135. Of the remaining 2 books, if the price of one book is 40% more than the price of the other book, then what is the price of the costlier of these two books? (+1, -0.25)

- a. Rs. 175
 - b. Rs. 70
 - c. Rs. 210
 - d. Rs. 245
-

64. If by subtracting 35% of a number from the number the result is 26, then what is the number? (+1, -0.25)

- a. 250
 - b. 13
 - c. 35
 - d. 40
-

65. A shopkeeper, in order to clear his old stock of computers, offers 18% discount. If the marked price of a computer is Rs. 7,500, then find the selling price of a computer. (+1, -0.25)

- a. Rs. 6,300
- b. Rs. 6,850
- c. Rs. 6,150
- d. Rs. 6,500

66. If $P : Q = 3 : 2$, then find the ratio $(P^2 - Q^2) : (P^2 + Q^2)$. (+1, -0.25)

- a. 5 : 13
- b. 13 : 5
- c. 10 : 9
- d. 4 : 9

67. In a competitive examination, the ratio of qualified boys and girls is 3 : 2. If one more boy qualifies, and one qualified girl leaves the class, then their new ratio becomes 2 : 1. What is the initial total sum of the qualified candidates? (+1, -0.25)

- a. 10
- b. 15
- c. 12
- d. 18

68. The savings of Rita is equal to 20% of her expenditure. If her income increases by 35% and expenditure increases by 38%, then her savings: (+1, -0.25)

- a. decrease by 3%
 - b. increase by 20%
 - c. increase by 13%
 - d. decrease by 17%
-

69. A person travels one-third of a certain distance at a speed of 45 km/h, and the remaining distance at a speed of 60 km/h. If he travels this distance at a uniform speed taking the same time, then what will be his speed (in km/h)? (+1, -0.25)

- a. 50
 - b. 54
 - c. 32
 - d. 45
-

70. A train takes a certain time to cover a certain distance at a uniform speed of 70 km/h. If the train runs at a speed of 65 km/h, then it takes 42 minutes more than before. What is the distance (in km) covered by the train? (+1, -0.25)

- a. 650
 - b. 680
 - c. 637
 - d. 670
-

71. Numerically, what percentage of its circumference is the area of a circle of radius 4? (+1, -0.25)
- a. 175%
 - b. 150%
 - c. 200%
 - d. 135%
-

72. On what sum of money can one earn Rs. 2,400 as simple interest at the rate of 8% per annum in 4 years? (+1, -0.25)
- a. Rs. 9,900
 - b. Rs. 7,500
 - c. Rs. 5,100
 - d. Rs. 768
-

73. The value of $[8 + 8 - 2 \times (2 + 8) - 45 \div 9 + (27 \div 9 + 5 \times 3 - 19)]$ is: (+1, -0.25)
- a. -165
 - b. -156
 - c. 156
 - d. 155
-

74. By selling 50 pineapples for Rs. 1,800, a man loses 10%. How many pineapples should he sell for Rs. 552 to gain 15% in the transaction? (+1, -0.25)

- a. 15
- b. 16
- c. 13
- d. 12

75. The HCF of two 4-digit numbers is 103 and their LCM is 19261. What is the sum of the two numbers? (+1, -0.25)

- a. 3090
- b. 2678
- c. 2884
- d. 2781

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English

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

Callous

- a. Hardened
- b. Cold
- c. Caring
- d. Insensitive

77. 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)

If that mango falls it has landed on your head.

- a. No substitution required
- b. is landing
- c. was landing
- d. will land

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

Has her family being informed about the event?

- a. No improvement required

- b. be inform
 - c. being informing
 - d. been informed
-

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

However hardly you / may work, / nobody will praise you.

- a. No error
 - b. nobody will praise you
 - c. may work
 - d. However hardly you
-

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

Eternal

- a. Balanced
 - b. Everlasting
 - c. Limited
 - d. Faithful
-

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

Crack up

- a. Find fault
 - b. Grow old
 - c. Become wise
 - d. Laugh out loud
-

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

Move with urgent haste

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

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

- a. blare
 - b. bleame
 - c. blade
 - d. black
-

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

The children played / merry in the park / while their parents / kept a watch.

- a. The children played
 - b. kept a watch
 - c. merry in the park
 - d. while their parents
-

85. Select the option that is closest in meaning to the underlined idiom/phrase in the given sentence. (+1, -0.25)

The owners of the company keep the lion's share of the profit for themselves.

- a. the largest part
 - b. the smallest part
 - c. the oldest part
 - d. the best part
-

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

The leaves of plants _____ soon if they do not get enough water.

- a. melt
- b. erode
- c. ebb
- d. wilt

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

Films based on books are more _____ than original screenplays.

- a. different
- b. favourite
- c. popular
- d. better

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

Sanction

- a. Degrade
- b. Permit
- c. Cancel
- d. Reward

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

A person who arranges and sells cut flowers

- a. Grocer
- b. Gardener
- c. Florist

d. Flautist

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

The priority for the COVID-19 vaccine must be to cover the _____ number in the shortest time.

- a. lengthiest
 - b. largest
 - c. longest
 - d. latest
-

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

A strongbox or small chest for holding valuables

- a. Coffe
 - b. Caffeine
 - c. Coffin
 - d. Coiffeur
-

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

Erase

- a. Delete
- b. Abolish

- c. Create
 - d. Strike
-

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

I have completed the work two hours ago.

- a. will have completed
 - b. completed
 - c. No substitution required
 - d. has completed
-

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

- a. Absence
 - b. Conferense
 - c. Entrance
 - d. Expense
-

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

Last month, / we purchased / electronic equipments from / a European country.

- a. Last month
- b. electronic equipments from
- c. we purchased
- d. a European country

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)

The 'standard of living' of any country means the average person's share of the goods and services which (1) _____ country produces. A country's 'standard of living', therefore, depends first and foremost on its (2) _____ to produce wealth. 'Wealth' in this sense is not money, (3) _____ we do not live on money, but on things that money can (4) _____ 'goods' such as food and clothing, and 'services' such as transport and entertainment. A country's ability to produce wealth depends on many factors, most of which have a/an (5) _____ on others.

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

- a. many
- b. all
- c. the
- d. few

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)

The 'standard of living' of any country means the average person's share of the goods and services which (1) _____ country produces. A country's 'standard of living', therefore, depends first and foremost on its (2) _____ to produce wealth. 'Wealth' in this sense is not money, (3) _____ we do not live on money, but on things that money can (4) _____ 'goods' such as food and clothing, and 'services' such as transport and entertainment. A country's ability to produce wealth depends on many factors, most of which have a/an (5) _____ on others.

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

- a. range
- b. quantity
- c. size
- d. capacity

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)

The 'standard of living' of any country means the average person's share of the goods and services which (1) _____ country produces. A country's 'standard of living', therefore, depends first and foremost on its (2) _____ to produce wealth. 'Wealth' in this sense is not money, (3) _____ we do not live on money, but on things that money can (4) _____ 'goods' such as food and clothing, and 'services' such as transport and entertainment. A country's ability to produce wealth depends on many factors, most of which have a/an (5) _____ on others.

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

- a. though
- b. because
- c. so
- d. yet

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)

The 'standard of living' of any country means the average person's share of the goods and services which (1) _____ country produces. A country's 'standard of living', therefore, depends first and foremost on its (2) _____ to produce wealth. 'Wealth' in this sense is not money, (3) _____ we do not live on money, but on things that money can (4) _____ 'goods' such as food and clothing, and 'services' such as transport and entertainment. A country's ability to produce wealth depends on many factors, most of which have a/an (5) _____ on others.

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

- a. yield
- b. grant
- c. buy
- d. admit

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)

The 'standard of living' of any country means the average person's share of the goods and services which (1) _____ country produces. A country's 'standard of living', therefore, depends first and foremost on its (2) _____ to produce wealth. 'Wealth' in this sense is not money, (3) _____ we do not live on money, but on things that money can (4) _____ 'goods' such as food and clothing, and 'services' such as transport and entertainment. A country's ability to produce wealth depends on many factors, most of which have a/an (5) _____ on others.

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

- a. conclusion
- b. response
- c. evidence
- d. effect

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Answers

1. Answer: b

Explanation:

The logic followed here is :-

By using BODMAS RULE.

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

Alphabet	A	B	C	D
Operators	+	-	×	÷

Given expression : $44 A 7 B (9 C 7) A (24 B 19) A (18 D 6) C 4$

After replacing the mathematical operators in place of alphabets in given expression is as follows : $44 + 7 - (9 \times 7) + (24 - 19) + (18 \div 6) \times 4$

$$= 44 + 7 - (9 \times 7) + (24 - 19) + (18 \div 6) \times 4$$

$$= 44 + 7 - 63 + 5 + \underline{3 \times 4}$$

$$= \underline{44 + 7} - 63 + \underline{5 + 12}$$

$$= \underline{68 - 63}$$

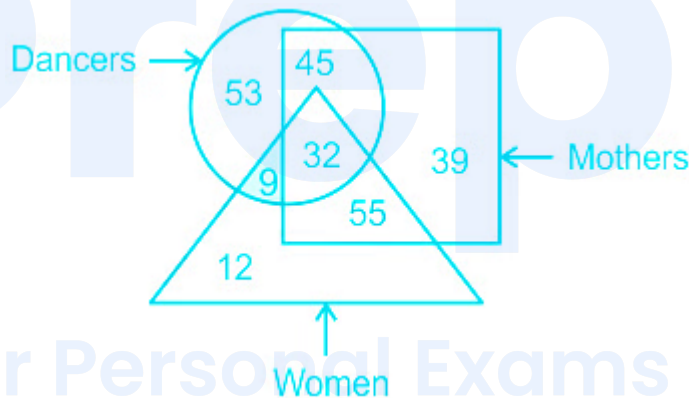
$$= 5$$

Hence, the correct answer is "5".

2. Answer: b

Explanation:

The best possible Venn diagram for the given information is as shown below :



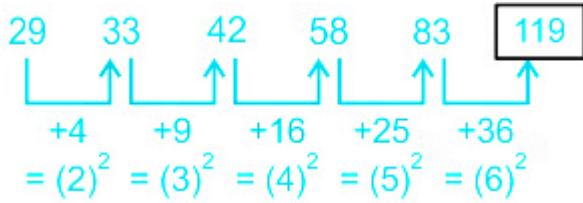
∴ Here, Number of women are dancers but NOT mothers is '9'.

Hence, the correct answer is "9".

3. Answer: c

Explanation:

The logic followed here is :-



Hence, the correct answer is "119".

4. Answer: a

Explanation:

Six persons, A, B, C, D, E and F, are sitting in a straight line, all facing the same direction.

1) E is sitting between B and F.

Case(i) :



Case(ii) :



2) A is third to the right of F and E is fourth to the left of A.

Case(i) :



Case(ii) :



Here case (ii) gets eliminated.

3) C is not sitting next to A.

B E F C D A

∴ Here, 'C' is sitting between F and D.

Hence, the correct answer is "C".






5. Answer: a

Explanation:

Family chart :-

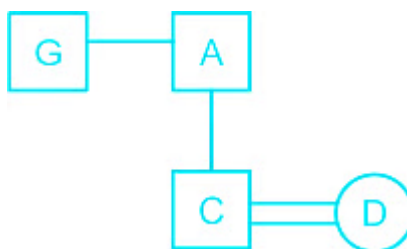
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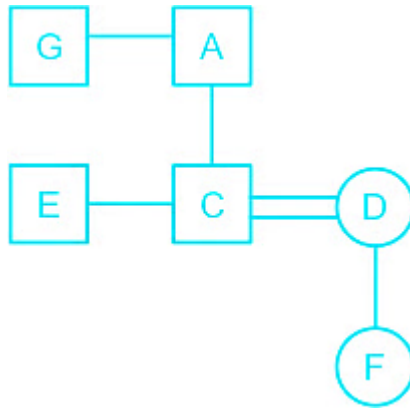
Symbol in Diagram	Meaning
	Female
	Male
	Married Couple
	Siblings
	Difference of A Generation

Family Tree :

1) C is the son of A but A is not the mother of C and D and C are a married couple and G is the brother of A.



2) E is the brother of C and F is the daughter of D.



∴ Here, E is 'uncle' of F.

Hence, the correct answer is "Uncle".

6. Answer: b

Explanation:

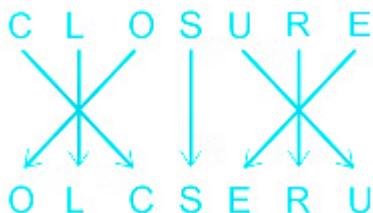
The logic followed here is :-

STARTED is written as ATSRDET.



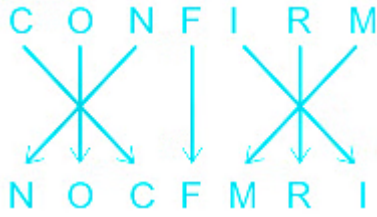
And

CLOSURE is written as OLCSERU.



Similarly,

CONFIRM will be written as :



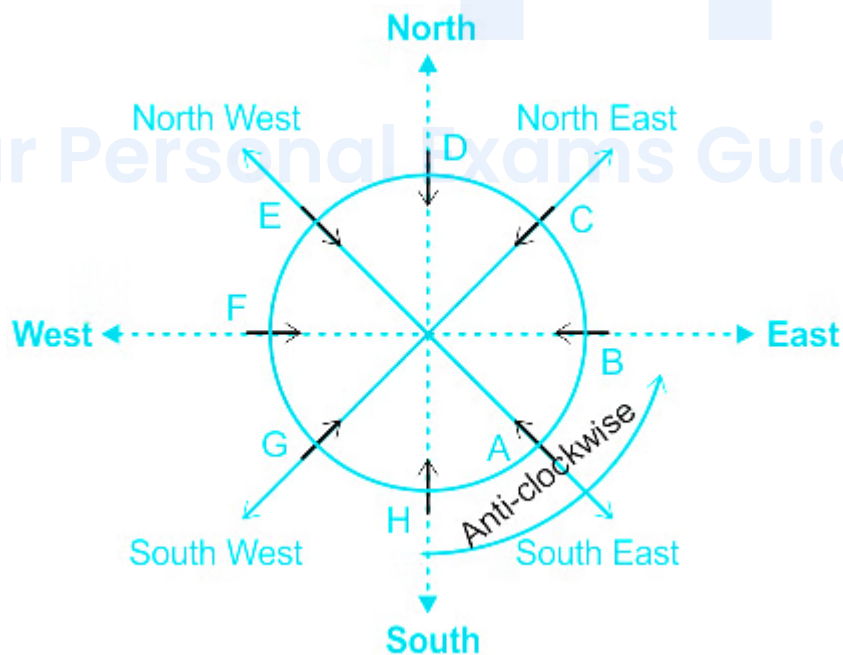
Hence, the correct answer is "NOCFMRI".

7. Answer: a

Explanation:

Eight friends, A, B, C, D, E, F, G and H, are sitting anticlockwise in the same sequence around a circular table, facing the centre, at equal distances between them.

1) If H is sitting in the south direction



∴ Here, 'C' is sitting in 'North-east' direction.

Hence, the correct answer is "North-east".

8. Answer: b

Explanation:

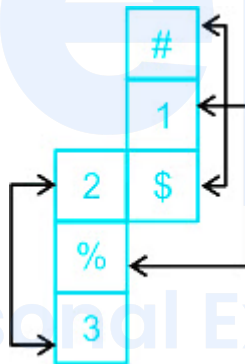
The logic followed here is:

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

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

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

In the given figure, Opposite faces are :



Face	Opposite face
2	3
1	%
#	\$

∴ Here, the face opposite to the face showing '\$' is '#'.
Hence, the correct answer is "#".

9. Answer: c

Explanation:

Given,

The total number of students in a class = 46 students.

Number of students take part in Yoga = 30

Number of students take part in dance = 26

Number of students take part in both yoga and dance = Number of students take part in Yoga + Number of students take part in dance - Total number of students in a class

Number of students take part in both yoga and dance = $30 + 26 - 46$

Number of students take part in both yoga and dance = $56 - 46$

Number of students take part in both yoga and dance = 10

Number of students take part in only Yoga = Number of students take part in Yoga - Number of students take part in both yoga and dance

Number of students take part in only Yoga = $30 - 10$

Number of students take part in only Yoga = 20

Number of students take part in only dance = Number of students take part in dance - Number of students take part in both yoga and dance

Number of students take part in only dance = $26 - 10$

Number of students take part in only dance = 16

∴ Here, number of students take part in both yoga and dance is '10'.

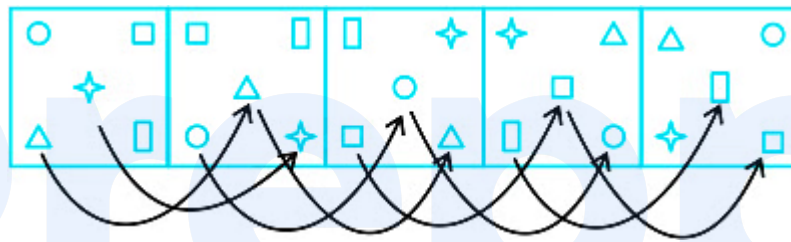
Hence, the correct answer is "10".

10. Answer: b

Explanation:

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

- The bottom left corner quadrilateral moves to middle point of box from figure to figure.
- The middle quadrilateral moves to bottom right corner of box from figure to figure.

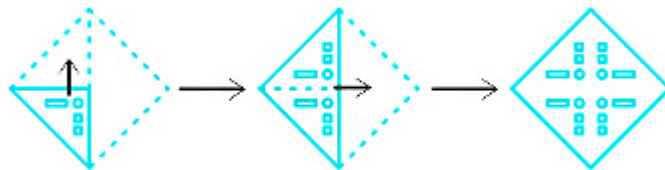


Hence, the correct answer is "Option 2".

11. Answer: c

Explanation:

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



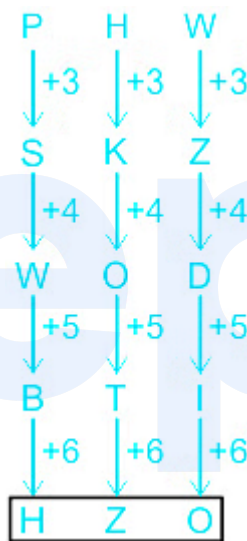
Hence, the correct answer is "Option 3".

12. Answer: a

Explanation:

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

The logic followed here is :-



Hence, the correct answer is "HZO".

13. Answer: c

Explanation:

The logic followed here is :-

'PRETTY' is coded as 894773.



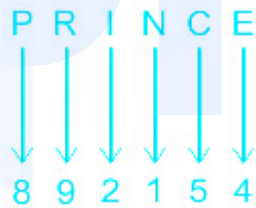
And

'SCIENCE' is coded as 6524154.



Similarly,

'PRINCE' will be coded as :



Hence, the correct answer is "892154".

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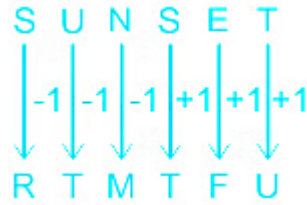
14. Answer: b

Explanation:

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

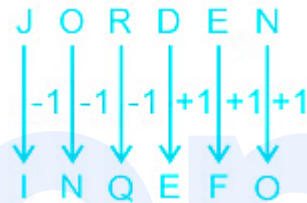
The logic followed here is :-

SUNSET is written as RTMTFU.



Similarly,

JORDEN will be written as :



Hence, the correct answer is "INQEFO".

15. Answer: b

Explanation:

The logic followed here is :-

The body temperature which is higher is known as fever.

Similarly,

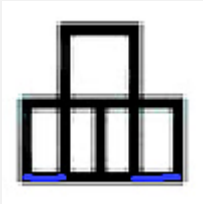
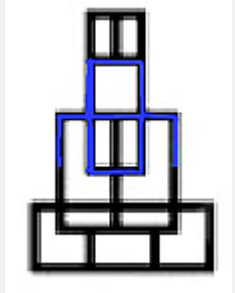

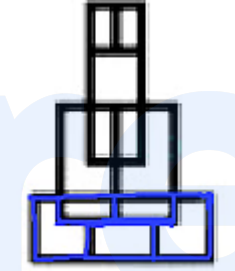
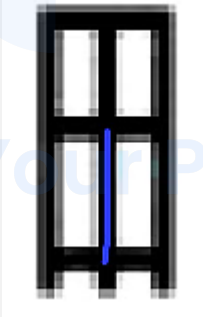
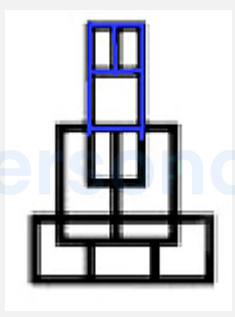
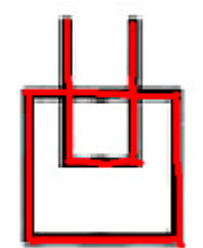
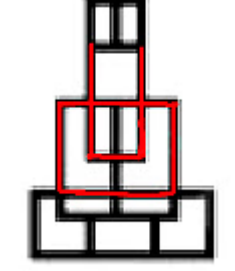
The body fat which is higher is known as 'Obesity'.


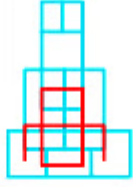
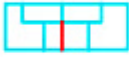
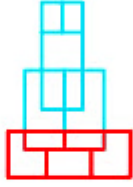

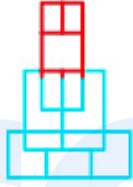

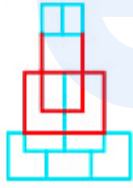
Hence, the correct answer is "Obesity".

16. Answer: d

Explanation:

The image embedded in given figure is as shown below :

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

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

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क्र.	विकल्प	प्रश्न	उत्तर
1.			सन्निहित नहीं है
2.			सन्निहित नहीं है
3.			सन्निहित नहीं है
4.			सन्निहित है

Hence, the correct answer is "Option 4".

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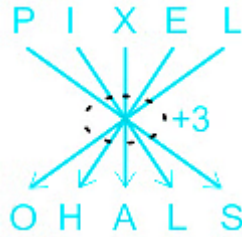
17. Answer: a

Explanation:

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

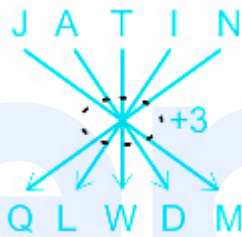
The logic followed here is :-

PIXEL : OHALS



Similarly,

JATIN : ?

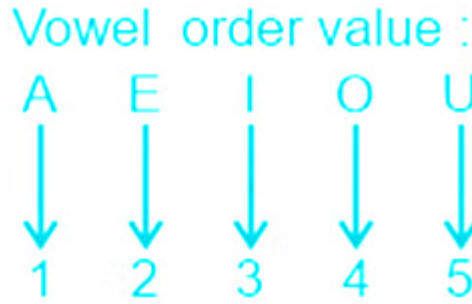


Hence, the correct answer is "QLWDM".

18. Answer: c

Explanation: Your Personal Exams Guide

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) VO L → There is only one vowel present and that vowel is 'O'.

2) O SD → There is only one vowel present and that vowel is 'O'.

3) **MAA** → The vowel 'A' is present and repeated twice.

4) O TP → There is only one vowel present and that vowel is 'O'.

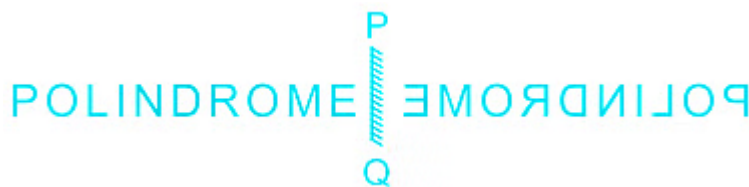
∴ Here, 'MAA' is different from other three alternatives.

Hence, the correct answer is "MAA".

19. Answer: c

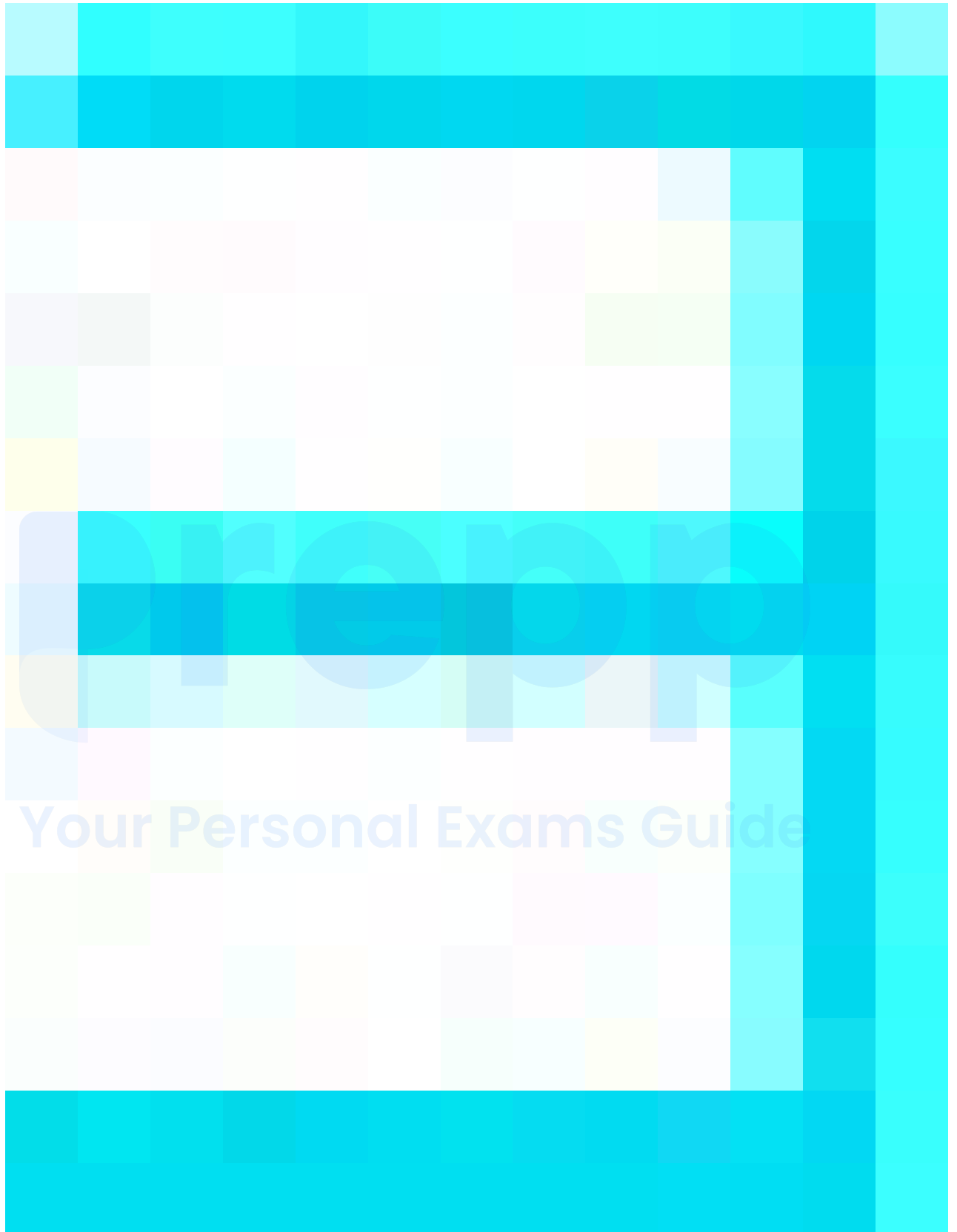
Explanation:

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



Detailed Explanation:

- The line PQ is the mirror.
- The word "POLINDROME" ends with letter 'E'. So, the mirror image should be "



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- ⇒ Option 2 and 4 are eliminated.
- The word "POLINDROME" has last fourth letter 'R'. so, the mirror image should be "



" ⇒ Option 1 is eliminated.

Hence, the correct answer is "Option 3".

20. Answer: a

Explanation:

The logic followed here is :-

Sum of digits of second number = First number

- 18 : 558 $\rightarrow 5 + 5 + 8 = 18$
- ? : 542 $\rightarrow 5 + 4 + 2 = 11$
- 10 : 442 $\rightarrow 4 + 4 + 2 = 10$

Hence, the correct answer is "11".

21. Answer: c

Explanation:

The logic followed here is :-

(Second number - First number)² = Third number.

$$5, 10, 25 \rightarrow (10 - 5)^2 = 5^2 = 25$$

Similarly,

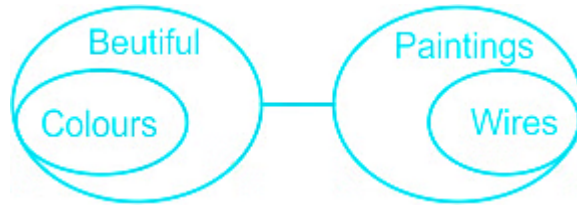
$$9, 15, 36 \rightarrow (15 - 9)^2 = 6^2 = 36$$

Hence, the correct answer is "9, 15, 36".

22. Answer: b

Explanation:

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



Conclusions:

I. Some paintings are colours → False (As All colours are beautiful and All wires are paintings and No painting is beautiful so, Some paintings are colours is false)

II. Some paintings are wires → True (As All wires are paintings so, Some paintings are wires is true)

∴ Here, Only conclusion II is true.

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

23. Answer: a

Explanation:

Given :- K _ T _ KR _ C _ RT _ K _ TC

By checking options and substituting accordingly.

1) RCTKCR → K RT C - KR TC - KRT C - K RTC

- Here "KRTC" is repeated.

2) RCTKTR → K RT C - KR TC - KRT T - K RTC

3) CRTLCR → K CT R - KR TC - LRT C - K RTC

4) TCTKCR → K TT C - KR TC - KRT C - K RTC

- Option (1) gives the pattern of :- K R T C - KR T C - KRT C - K R T C

Hence, the correct answer is "R C T K C R".

24. Answer: d

Explanation:

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

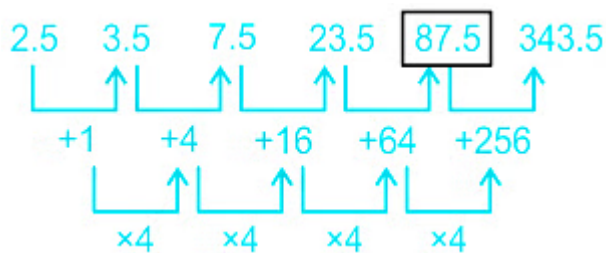
- 4. Lea st
- 2. Lea ther
- 3. Le aves
- 5. Le sion
- 1. Le thal

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

25. Answer: c

Explanation:

The logic followed here is :-



Hence, the correct answer is "87.5".

26. Answer: d

Explanation:

The correct answer is S Jaishankar.

★ Key Points

- S Jaishankar is the author of the book 'The India Way: Strategies for an Uncertain World'.
- **External Affairs Minister S Jaishankar** released a book titled "The India Way: Strategies for an Uncertain World".
- The book is published by **HarperCollins India**.
- The book was developed over the course of the last two years and covers a **series of events and lectures given at think tanks, conferences, or business forums**.
- It was published in the **year 2020**.
- The books analyze the emerging global order, **the rise of China and its attendant consequences, nationalism, and its discontents**, and also talk about strategies of the Mahabharata as a prism to evaluate Indian strategy.

★ Additional Information

- **Ajay Bisaria:**
 - Ambassador of India to Canada.
- **Taranjit Singh Sandhu:**
 - Ambassador of India to the USA.

27. Answer: c

Explanation:

The correct answer is VLCC Healthcare.

★ Key Points

- Vandana Luthra is an Indian inspirational entrepreneur, who is the founder of VLCC Healthcare.

- **Vandana Luthra:**
 - She has received the honor of **Padma Shri in 2013** for her contribution to trade and industry.
 - **Her other achievements include:**
 - The Asian Business Leaders Forum Trailblazer Award in 2012.
 - The Enterprise Asia Women Entrepreneur of the Year Award in 2010.
 - She was ranked 26th in the distinguished annual Forbes Asia 2016 list of 50 Power Businesswomen in the APAC region.
 - She also got featured in Fortune magazine's annual listing of the '50 Most Powerful Women in Business in India' for consecutive five years (2011 to 2015).

28. Answer: c

Explanation:

The correct answer is Vijender Singh.

★ Key Points

- **Vijender Singh is the first Indian boxer to rank No.1 in the world in the 75-kg category by the International Federation (AIBA) ranking.**
- **Vijender Singh:**
 - He is associated with the sport of Boxing.
 - He is the first Indian boxer to have ever won a medal at the Olympics.
 - He also medals in Commonwealth Games and Afro-Asian Games.
 - He achieved a dual victory in the **WBO Asia Pacific Super Middleweight and WBO Oriental Super Middleweight titles in 2017.**
 - **He retained the WBO Asia Pacific Super Middleweight title by defeating his Chinese opponent Zulpikar Maimaitiali.**
 - He won the WBO Asia Pacific Super Middleweight title in **2016** by defeating Australian Kerry Hope.
 - He won a **bronze medal** for India at the **2008 Beijing Olympics** .
 - He is the **silver medal winner at the 2006 and 2014 Commonwealth Games.**

★ Important Points

- **International Boxing Association (AIBA):**
 - The International Boxing Association (IBA), was previously known as **the Association Internationale de Boxe Amateur (AIBA)**.
 - It is an independent sports organization.
 - **Formation** : 29–30 November 1946.
 - **Headquarters** : Lausanne, Switzerland.
 - **President**: Umar Nazarovich Kremlev.

★ Additional Information

- **Shiva Thapa (56 kg):**
 - He is a boxer of Nepalese origin, who hails from Assam, and was the youngest boxer at the London Olympics.
 - His most sizzling performance was when he defeated Delakliev Detalin of Bulgaria (then World champion and World number two) in Belgrade in 2011.
 - Shiva has been the Asian Champion twice in 2012 and 2013.
 - He won a silver medal at the Asia–Oceania Olympic qualifying tournament in April this year to secure his Olympic ticket.
 - Fleet-footed Shiva is nursing a great desire to win an Olympic medal and has a good chance of achieving that goal.
- In Boxing, Asian Champion **Amit Panghal** became the first Indian to make it to the finals of the World Men's Championship while Manish Kaushik signed off with a bronze medal.
- In the 52 kg category, Panghal prevailed 3–2 against Kazakhstan's Saken Bibossinov.
- The past Indian medal-winners at the world meet are **Vijender Singh (2009)**, **Vikas Krishan (2011)**, **Shiva Thapa (2015)**, and **Gaurav Bidhuri (2017)**.

29. Answer: b

Explanation:

The correct answer is **Bhavai**.

★ Key Points

- **Bhavai form of dance involves balancing pots on the head of the dancer.**
- Bhavai Dance is a very difficult form of dance performed by skilled experts.
- In this dance, women dancers balance 8 to 9 pitchers on their heads and dance simultaneously.
- And sway with the soles of their feet perched on the top of a glass and also sometimes on the edge of a naked sword.
- This dance is believed to be originated in Gujarat.
- And was soon picked up and adopted by the local tribal men and women of Rajasthan.
- This is basically performed by the women of the Jat, Bhil, Raigar, Meena, Kumhar, and Kalbelia communities of Rajasthan.
- **Main instruments:**
 - Dholak, Jhanjhar, Pakhwaja, Sarangi, and Harmonium (played in background music).
 - The government is taking all necessary measures to revive this fast-dying tradition of folk dance.

★ Additional Information

- **Cheraw:**
 - It is one of the traditional and oldest dances of Mizoram.
 - It is also recognized as the oldest dance form of Mizoram.
 - It is also known as the Bamboo dance.
 - It is one of the most famous dances in Mizoram, and a centre of attraction during festive occasions.
 - Chewar is performed by six to eight people holding a pair of bamboo staves on another horizontally placed bamboo on the ground on special occasions such as when there is a bumper harvest of a crop. Gongs and drums are used as a musical instruments in Cheraw dance.
- **Deodhani:**
 - It is a dance form of Assam.

30. Answer: b

Explanation:

The correct answer is liver.

★ Key Points

- **Hepatitis B is a life threatening liver infection.**
- **Hepatitis B virus:**
 - Hepadna viruses are a type of DNA that infects hepatocytes virus and can result in liver damage and hepatocellular carcinoma (HCC) in mammals and birds.
 - Hepatitis B virus (HBV) is the prototype of the hepadnavirus family (Hepadna virus) that causes hepatitis B, cirrhosis in humans.
 - The Hepatitis B virus (HBV) infects over 300 million people worldwide and is a leading cause of liver disease and cancer.
 - Hepatitis B virus causes Hepatitis B in humans.
 - Hepatitis B is a viral infection that causes inflammation and damage to the liver.
 - Inflammation is the swelling that occurs when the body's tissues are injured.
 - It can result in either an acute (short-term) or chronic (long-term) infection.
 - People who have an acute infection usually recover on their own without the need for medical treatment.
 - Some people who have chronic hepatitis B will require treatment.

31. Answer: d

Explanation:

The correct answer is Uttarakhand.

★ Key Points

- Uttarakhand state started India's first snow leopard census in 2020.
- India's first Snow Leopard Conservation Centre will be opened in **Uttarkashi forest division in Uttarakhand**.
- The centre will be built by the Uttarakhand forest department along with **United Nations Development Programme (UNDP)** as part of its six-year long project, **SECURE Himalayas**.
- **Objective:**
 - The conservation center aims at restoring Himalayan ecosystems, conserving snow leopards and other endangered species, and creating livelihood.
- The then Chief Minister of the state Trivendra Singh Rawat stated that the total number of snow leopards in the state will be counted and efforts will be made to increase their number.
- The conservation center will not only save the endangered species but will also promote winter tourism in the state.

★ Additional Information

- **Uttarakhand:**
 - Lok Sabha seats - 5.
 - Rajya Sabha seats - 3.
 - State Animal - Alpine musk deer.
 - State Bird - Himalayan monal.
 - Snow Leopard Conservation Centre.

32. **Answer: b**

Explanation:

The correct answer is Maharashtra.

★ Key Points

- Lonar lake is a saline soda lake located in Buldhana district of Maharashtra.

- It is a national geological heritage monument of India.
- It is formed after a meteorite impact led to crater formation.
- It has been designated as a Ramsar site by wetland international in the year 2020.
- The colour of the lake is pink due to the presence of Haloarchaea microbes.
- It is a notified National Geo-heritage Monument due to its culturally significant offering insight into earth's evolution.



33. Answer: c

Explanation:

The correct answer is Alexander Cunningham.

★ Key Points

- Alexander Cunningham became the Director General of Archaeological Survey of India (ASI) in 1861 and is often called the 'Father of Indian Archaeology.'
- Alexander noted that the amount of brick taken from the ancient site was enough to lay bricks for about **100 miles of the railway line between Lahore and Multan.**
- Alexander Cunningham was a British army engineer who later took an interest in the history and archaeology of India.
- The Archaeological Survey of India is an Indian government agency, It was founded in **1861 by Alexander Cunningham.**

★ Additional Information

- **James Princep:**
 - He was a European scholar who deciphered the edicts of the Ashoka.
 - He was an English scholar, orientalist, and antiquarian.
 - He was the founding editor of the Journal of the Asiatic Society of Bengal.
 - He is best remembered for his understanding of the Kharosthi and Brahmi scripts of ancient India.
- **Allan Octavian Hume:**
 - He was a retired English ICS officer, who formed the Indian National Union in 1885.
 - The idea of the Indian National Union took shape and Hume initially had some support from Lord Dufferin for this, although the latter wished to have no official link to it.
 - In March 1885, when a notice was first issued to convene the first Indian National Union to meet at Poona the following December.
 - In May 1885, Hume secured the viceroy's approval to create an "Indian National Union", which would be affiliated with the government and act as a platform to voice Indian public opinion.

34. Answer: b

Explanation:

The correct answer is Seven.

★ Key Points

- For Seven oilseeds the Commission for Agricultural Costs and Prices recommends minimum support prices as of January 2021.
- 7 oilseeds including groundnut, rapeseed-mustard, soybean, sesamum, sunflower, safflower, and nigerseed.

★ Additional Information

- **Commission for Agricultural Costs & Prices:**
 - It was formed in January 1965.

- It recommends the minimum support prices (MSP) and issues prices for paddy and wheat.
- It is a joint office of the ministry of agriculture & farmers welfare.
- It raises productivity and overall grain production in line with the emerging demand patterns in the country.
- It recommends MSPs of 23 commodities, are following:
 - 7 oilseeds including groundnut, rapeseed-mustard, soybean, sesamum, sunflower, safflower, and nigerseed.
 - 7 kinds of cereal include paddy, wheat, maize, sorghum, pearl millet, barley, and ragi.
 - 5 pulses including gram, tur, moong, urad, and lentil.
 - 4 commercial crops include copra, sugarcane, cotton, and raw jute.

35. Answer: d

Explanation:

The correct answer is Arable land.

★ Key Points

- Arable land is the scientific name of the land on which crops are grown.
- Arable lands:
 - These lands of India are becoming saline because of Over-irrigation.
 - In the areas having intensive cultivation and excessive use of irrigation, the soil is losing its fertility and becoming saline.
 - Dry climates having excessive irrigation create capillary action by which deposition of salt occurs on the top layer of the soil making it saline.
 - Because of over-irrigation, a large part of arable land is irrigated zones of the country are becoming saline.

36. Answer: a

Explanation:

The correct answer is Warren Hastings.

★ Key Points

- **Warren Hastings established India's first post office in 1774 C.E.**
- Warren Hastings opened the posts to the public in 1774.
- The earliest reference to an official postal system in India was made in the 14th century by an Arab traveler and historian, Ibn Battutah.
- The system was brought to its height during the 16th century under the great Mughal emperor Akbar.

★ Additional Information

- **Robert Clive:**
 - He was the First Governor-general of Bengal at the time of the company's rule who took office in 1758 after the assassination of the Nawab in Murshidabad in 1757.
 - Dual Administration was introduced in the year 1765 by Robert Clive.
- **Lord Mayo (1869-1872):**
 - Opening of the Rajkot College in Kathiawar and the Mayo College at Ajmer for political training of Indian princes.
 - Establishment of Statistical Survey of India.
 - Establishment of Department of Agriculture and Commerce.
 - Introduction of state railways.
- **Lord Cornwallis (1786-1793):**
 - He was considered as a father of Modern-day Civil Services for reforming and modernizing colonial administration.
 - He also introduced Permanent Settlement of revenue which was also called a Zamindari System.
 - Lord Cornwallis surrendered at Yorktown in the USA during the American Revolutionary War.
 - American Revolutionary war was also called as American War of Independence.

- Hyder Ali died in 1782 due to Cancer during the Second Anglo-Mysore War(1780- 1783).
-

37. Answer: d

Explanation:

The correct answer is Tortoise.

★ Key Points

- Tortoise is an animal does NOT live in a burrow.
 - The word '**burrowing**' is used for denoting an animal that makes holes or tunnels, typically for use as a dwelling.
 - The burrow is never made at a bare or conspicuous point; it is always commenced under the shelter of a faded leaf of lettuce, the remains of the food provided.
 - Rabbit, Woodchuck and Gopher animals lives in a burrow .
-

38. Answer: a

Explanation:

The correct answer is 31st

★ Key Points

- 31st amendment of the Constitution of India increased the elective strength of the Lok Sabha from 525 to 545 members.
- The 31st Constitutional Amendment Act:
 - In 1973 the seats of Lok Sabha were increased from **525 to 545**.
 - The purpose of this act was to increase the representation of states in the Lok Sabha.

- The main reason behind this amendment was the population of India revealed in the **Census of 1971**.
- This amendment reduced the representation of **UTs in Lok Sabha from 25 to 20**.

★ Additional Information

- **The 37th constitutional amendment act:**
 - The 37th constitutional amendment act 1975 deals with the formation of the Arunachal Pradesh legislative assembly.
- **50th Amendment:**
 - 50th Amendment Restriction on the Fundamental Rights of persons employed in intelligence organizations and telecommunication systems set up for the armed forces or intelligence organizations.
- **45th Amendment:**
 - Extension to the reservation of seats for the SCS and STS.

39. **Answer: b**

Explanation:

The correct answer is **Fat**.

★ Key Points

- **Triglycerides are a type of Fat.**
- **Triglycerides:**
 - These are a type of fat (lipid) found in your blood.
 - It is composed of glycerol and three fatty acids.
 - Triglycerides and cholesterol are different types of lipids that circulate in the blood.
 - They store unused calories and provide energy to the body.
 - Cholesterol is used to build cells and certain hormones.
 - They are an important measure of heart health.
 - High triglycerides may contribute to hardening of the arteries or thickening of the artery walls (arteriosclerosis).

- It increases the risk of stroke, heart attack, heart disease, and acute inflammation of the pancreas.
- Triglycerides fall into a healthy range:
 - **Normal:** Less than 150 milligrams per deciliter (mg/dL), or less than 1.7 millimoles per litre (mmol/L).
 - **Borderline high:** 150 to 199 mg/dL (1.8 to 2.2 mmol/L).
 - **High:** 200 to 499 mg/dL (2.3 to 5.6 mmol/L).
 - **Very high:** 500 mg/dL or above (5.7 mmol/L or above).

★ Additional Information

● **Carbohydrates:**

- It is a biomolecule consisting of carbon, hydrogen, and oxygen atoms, usually with a hydrogen-oxygen atom ratio of 2:1 and thus with the empirical formula $C_m(H_2O)_n$ (where m may or may not be different from n).
- Carbohydrates, proteins, and fats in foods provide energy for the body's functions and physical activities.
- They, however, do not have the same energy content.
- The following is the energy- content by respective nutrients:
 - 1 gram of carbohydrates- 4kcal.
 - 1 gram of protein- 4 kcal.
 - 1 gram of fats- 9 kcal.

● **Vitamins:**

- These are organic compounds that are present in minute amounts in natural foodstuffs.
- Most vitamins come from food because the body either does not produce them or produces very little.
- Vitamins are of two types.
- Fat-soluble vitamins- Vitamins A, D, E, K.
- Water-soluble vitamins- Vitamin C and all the B vitamins.

● **Protein:**

- It plays a role in many body processes:
- It maintains proper fluid regulation and fluid balance.
- It is helpful in immune system responses.
- Protein helps in growth and maintenance.

- Aids in biochemical reactions.
- They serve as hormones and messengers.
- It helps in maintaining proper pH.
- It supplies the body with energy.

40. Answer: b

Explanation:

The correct answer is Sultan Iltutmish.

★ Key Points

- Sultan Iltutmish constructed Hauz-i-Sultani a large reservoir, just outside Delhi.
- This pond, excavated in the year 1230, is still present in Mehrauli (South Delhi) in the name of Hauz-e-Sultani or Hauz-e-Shamsi.
- This pond was excavated during the reign of Iltutmish.
- **About Iltutmish -**
 - Iltutmish was the third Sultan of the Slave dynasty.
 - He ruled the Delhi Sultanate from 1211-1236.
 - He was also the son-in-law of Qutubuddin Aibak.
 - The construction of Qutub Minar was completed by Iltutmish.
 - Qutab-ud-din Aibak commenced the construction of the Qutab Minar in 1192 AD.
 - Qutb Minar is also located in Mehrauli (Delhi) and is a UNESCO World Heritage Site.
 - After Iltutmish's death, he was buried near Qutub Minar.
 - He declared his Razia as his successor before dying.
 - After much opposition, Razia became the Sultan of Delhi.

★ Additional Information

- **Nasiruddin Mahmud:**
 - He was the 8th Sultan of the Mamluk dynasty who succeeded Alauddin Masud.
 - He was the grandson of Iltutmish.

- He strictly followed monogamy and spent most of his time reciting the Quran.
- Ghiyasuddin Balban was his chief and took care of all the affairs and works of Nasir-ud-din Mahmud.
- **Ghiyas ud din Balban:**
 - He belonged to the Mamluk dynasty.
 - He was the 9th sultan of the Mamluk dynasty. Since Sultan Nasiruddin did not have a male heir, Balban became the Sultan of Delhi.
 - There were 5 dynasties in the Delhi Sultanate.
- **Qutb ud-Din Aibak:**
 - He founded the Mamluk/Slave Dynasty in 1206 AD.
 - He assumed the title of sultan and made Lahore his capital.
 - The Mamluk dynasty was also known as the slave dynasty.
 - Qutb ud-Din Aibak used to play Polo and died while playing it in 1210 AD.
 - The reign of the Mamluk Dynasty ended in 1290 AD.

41. Answer: d

Explanation:

The correct answer is 1950

★ **Key Points**

- **In 1950 the Constituent Assembly was converted into a Provisional Parliament.**
 - **On 26 January 1950** , the Constituent Assembly ceased to exist, transforming itself into the Provisional Parliament of India until a new Parliament was constituted in **1952**.
 - **The Constituent Assembly:**
 - It was Constituted in November 1946 under Cabinet Mission Plan.
 - It is a general trivia that, On the day the Constitution was being signed it was drizzling outside and it was interpreted as a sign of good omen.
 - The Constituent Assembly of India as a sovereign body was formed on the recommendations of the Cabinet Mission which visited India in 1946
- Constituent Assembly was constituted on 9th December 1946.

42. Answer: d

Explanation:

The correct answer is 26 miles 385 yards.

★ Key Points

- **26 miles 385 yards** is the official distance to be covered in a marathon.
- The length of a marathon is **26.2 miles (42.195 kilometers)** .
- The event was instituted in commemoration of the fabled run of the Greek soldier Pheidippides, a messenger from the Battle of Marathon to Athens, who reported the victory.
- The marathon can be completed by running or with a run/walk strategy.
- The idea for the modern marathon was inspired by the legend of an ancient Greek messenger who raced from the site of the Marathon to Athens, a distance of about **40 kilometers**.
- The marathon was one of the original modern Olympic events in **1896**, though the distance did not become standardized until 1921.
- In 1921, the length of a marathon was formally standardized at 26.2 miles (42.195 kilometers).
- Eliud Kipchoge from Kenya won gold in the 2016 Olympics (men).
- Jemima Sumgong from Kenya won gold in the 2016 Olympics (women).

43. Answer: d

Explanation:

The correct answer is Haryana.

★ Key Points

- Haryana state topped the Index in Anemia Mukt Bharat Index 2020–21 (Up to October 2020).

- Haryana was ranked at the top in the Anemia Mukt Bharat (AMB) Index among 29 states in the country.
- **The Anemia Mukt Bharat**, an initiative of the **Ministry of Health and Family Welfare and UNICEF**, has been launched to reduce the prevalence of Anemia all over India.
- It was for the first time in the year 2019-20 that the state had achieved 93 percent of immunization.

★ Additional Information

- **Haryana:(Sept 2022)**
 - Chief Minister - Manohar Lal Khattar.
 - Governor - Satyadev Narayan Arya.
 - Lok Sabha seats - 10.
 - Rajya Sabha seats - 5.

44. Answer: b

Explanation:

The correct answer is Shah Jahan.

★ Key Points

- Dara Shikoh was the son of Shah Jahan.
- He was given the title **Padshahzada-i-Buzurg Martaba** ("Prince of High Rank")
Unlike Aurangzeb, Dara was an open-minded Muslim.
- He was a great patron of the arts and Philosophy.
- His Inclination wasn't much towards the military.
- He also did the **Persian translations** of the Yoga Vasishta and Bhagavad Gita .

★ Additional Information

- **Farrukhsiyar:**
 - Farruksiyar was born on 20 August 1685 in the city of Aurangabad on the Deccan Plateau.

- He was the son of Azim-ush-Shan (the second son of emperor Bahadur Shah I) and Sahiba Nizwan.
- In 1696, Farrukhsiyar accompanied his father on his campaign to Bengal.
- He spent his early years in the capital city of Dhaka during the reign of Bahadur Shah I, he moved to Murshidabad.
- He was the Mughal emperor from 1713 to 1719 after he murdered Jahandar Shah.
- In 1712 Jahandar Shah ascended the throne of the Mughal Empire by defeating Farrukhsiyar's father.
- Farrukhsiyar became the king of the Mughal kingdom with the help of the Sayyid brothers.
- **Aurangzeb (1658 AD-1707 AD):**
 - Aurangzeb defeated Dara at Dharmat (1658 AD), Samugarh (1658 AD), and Deorai, in which Samugarh was the decisive one and Deorai was the last one.
 - After the victory, Aurangzeb was crowned at Delhi under the title Alamgir.
 - He died in February 1707 in Ahmadnagar.
- **Jahangir:**
 - He was born to Maryam-uz-Zamani and Akbar on August 30, 1569.
 - He was named Sultan Muhammad Salim after Shaikh Salim Chishti of Fatehpur Sikri.
 - Akbar called him Sheik Babu.
 - After his coronation, he assumed the title of Nur-ud-din Muhammad Jahangir Badshah Ghazi.
 - Jahangir was the only surviving son of Akbar who after his father's death ascended the throne in 1604, at the age of 34 years.

45. Answer: b

Explanation:

The correct answer is Assam

★ Key Points

- Assam state, is called 'land of red river and blue hills' because of its unique topography.
- Assam is referred so as the red river refers to the river Brahmaputra, and the blue hills refers to the hills that shines at a distance forming a blue cloud.
- Assam is a state in Northeast India, situated south of the eastern Himalayas along the Brahmaputra and Barak River valleys.
- Assam covers an area of **78,438 km²** (30,285 sq mi).
- According to Area, The Indian State Assam **ranked 16th** in India.
- Guwahati is the largest metropolitan area and urban conglomeration in Assam, administered under the highest form of the local urban body- Guwahati Municipal Corporation.
- The state is bounded to the north by **Bhutan and Arunachal Pradesh**; to the east by **Nagaland and Manipur**; to the south by **Meghalaya, Tripura, Mizoram and Bangladesh**; and to the west by the **Siliguri Corridor by West Bengal**.

46. Answer: c

Explanation:

The correct answer is fundamental duties.

★ Key Points

- Article 51A of the Constitution of India is related to fundamental duties.
- Article 51A contains fundamental duties:
 - to abide by the Constitution and respect its ideals and institutions, the National Flag, and the National Anthem.
 - to cherish and follow the noble ideals which inspired our national struggle for freedom.
 - to uphold and protect the sovereignty, unity, and integrity of India.
 - to defend the country and render national service when called upon to do so.
 - to promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic, and regional or sectional diversities.

- to renounce practices derogatory to the dignity of women.
- to value and preserve the rich heritage of our composite culture.
- to protect and improve the natural environment including forests, lakes, rivers, and wildlife, and to have compassion for living creatures.
- to develop the scientific temper, humanism, and the spirit of inquiry and reform.
- to safeguard public property and to abjure violence.
- to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavor and achievement.
- who is a parent or guardian to provide opportunities for education to his child or, as the case may be, ward between the age of six and fourteen years.

★ Additional Information

- **The right to property:**

- It was deleted from the list of Fundamental Rights by the 44th Amendment Act, 1978.
- It is made a legal right under Article 300-A in Part XII of the Constitution. So at present, there are only six Fundamental Rights.
- Article 19 provided all citizens the right to acquire, hold, and dispose of the property whereas Article 31 provides that "no person shall be deprived of his property save by authority of law."
- Later, in 44th Amendment of 1978 deleted the right to property from the list of fundamental rights.
- Hence, the right to property is no longer a fundamental right, however, it is still a constitutional right.

- **Fundamental Rights:**

- The Fundamental Rights are enshrined in Part III of the Constitution (Articles 12-35). Part III of the Constitution is described as the Magna Carta of India.
- 'Magna Carta', the Charter of Rights issued by King John of England in 1215 was the first written document relating to the Fundamental Rights of citizens.

- The Fundamental Rights are justiciable because when violated the aggrieved individual can move the courts for their enforcement.
- The Supreme Court or High Courts have the power to issue directions or orders or writs for the enforcement of any of the Fundamental Rights.
- **Directive Principles of State Policy:**
 - Articles 36–51 under Part–IV of the Indian Constitution deal with Directive Principles of State Policy (DPSP).
 - They are borrowed from the Constitution of Ireland, which had copied it from the Spanish Constitution.
 - It refers to the ideals that the State should keep in mind while formulating policies and enacting laws. e.g. the Government should try to ensure equal pay for equal work for men and women etc.

47. Answer: b

Explanation:

The correct answer is Z-score.

★ Key Points

- **Z-score is an insolvency prediction formula developed by Dr. Robert Altman.**
- **The Altman Z-score:**
 - It is the output of a credit-strength test that gauges a publicly-traded manufacturing company's likelihood of bankruptcy.
 - The Altman Z-score is a formula for determining whether a company, notably in the manufacturing space, is headed for bankruptcy.
 - The formula takes into account profitability, leverage, liquidity, solvency, and activity ratios.
 - An Altman Z-score close to 1.8 suggests a company might be headed for bankruptcy, while a score closer to 3 suggests a company is in solid financial position.

48. Answer: a

Explanation:

The correct answer is 95.

★ Key Points

- Around 1810 AD, about 95 % of indigo imported to Britain was from India.
- Indigo cultivation :
 - It was often referred to as blue gold because of its high value as a trading commodity. It gives a blue hue to the fabrics.
 - The demand for Indigo increased considerably during the industrialization in Britain and so did its production.
 - The soil of India was highly suitable for the cultivation of Indigo and the Britishers forced Indian farmers to grow Indigo.
 - The Charter Act of 1833 gave rights to planters to exploit farmers. The loan offered to farmers was so high that farmers always remained in debt and they had to grow whatever their British Planters asked them to.
 - Almost all the fertile land went into growing indigo and farmers felt exploited in the hands of British planters.
 - By the late 19th century nearly all indigo came from indigo bush plantations in India.
 - Karl Heumann in Zurich in 1890 found a way of making better indigo colour from aniline.
 - BASF (now, a multinational chemical company) started the production of synthetic indigo in 1897. Soon, many companies came up with their improved versions of chemical colours and this led to the fall of Indigo cultivation in India.
 - Many farmers in India were left with tons of Indigo along with the debt and no one was willing to buy it.
 - Hence, we can say that Indigo cultivation in India declined by the beginning of the 20th century because of its unprofitability in the world market because of new inventions.

49. Answer: b

Explanation:

The correct answer is Vietnam

★ Key Points

- Vietnam was hit by 'Typhoon Molave' in October 2020.
- Typhoon occurs generally in the China sea.
- It regions between 6 to 20 degrees north and south of the equator.
- It's most frequent from July to October.
- The diameter of the typhoon is 50 to 200 miles.
- The torrential downpour is accompanied by thunder and lightning during the typhoon.

★ Additional Information

- All types of tropical cyclones are well-developed low-pressure systems.
- A tropical cyclone in the Indian ocean.
- Hurricanes in the west Indian islands in the Caribbean.
- Tornado in Guniea lands of West Africa and the southern USA in which the local name is a whirlwind.
- Willy-Willies occur in north-western Australia.
- Typhoons are regions between 6 to 20 degrees north and south of the equator.
 - most frequent from July to October.
 - the diameter of only 50 to 200 miles.
 - the torrential downpour is accompanied by thunder and lightning.

50. Answer: c

Explanation:

The correct answer is AB-PMJAY provides health insurance/assurance for a family of up to two adults and three children below the age of 18 years.

★ Key Points

- AB-PMJAY provides health insurance/assurance for a family of up to two adults and three children below the age of 18 years AB-PMJAY is incorrect.
- Ayushman Bharat Pradhan Mantri Jan Aarogya Yojana :
 - PMJAY is one of India's most ambitious health sector schemes.
 - Prime Minister Narendra Modi launched the Pradhan Mantri Jan Arogya Abhiyaan, also known as Ayushman Bharat or the National Health Protection Mission (AB-NHPM) or Modicare, on 23 September 2018.
 - It was launched as the National Health Protection Mission and was renamed later.
 - It is the largest government-funded health insurance scheme in the world.
 - The scheme offers eligible families an insurance cover of Rs. 5 lakh per annum per family. **Hence option 2 is correct.**
 - This amount is intended to cover all secondary and most tertiary care expenditures incurred.
 - There is no cap on family size and age under the scheme, to ensure that nobody is left behind. **Hence option 3 is incorrect.**
 - The National Health Authority or the NHA is responsible for implementing India's flagship public health insurance/assurance scheme Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (ABPMJAY).
 - NHA has been set up to implement the PMJAY at the national level. **Hence option 4 is correct.**
 - AB-PM-JAY is a completely cashless and paperless scheme. **Hence option 1 is correct.**
 - National Health Authority is the successor of the National Health Agency, which was functioning as a registered society since 23 May 2018.

51. Answer: c

Explanation:

Given:

The average of the numbers 8, 5, 3, k, (k + 1) is 7.

Concept used:

Total = Average \times Number of entities

Calculation:

According to the question,

$$8 + 5 + 3 + k + (k + 1) = 7 \times 5$$

$$\Rightarrow 2k + 17 = 35$$

$$\Rightarrow 2k = 18$$

$$\Rightarrow k = 18/2$$

$$\Rightarrow k = 9$$

\therefore The value of k is 9.

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52. Answer: c

Explanation:

Given:

Due to the festive season, a shopkeeper offers 20% discount.

Another discount of 5% is offered to customers who make a purchase of more than Rs. 5,000.

Anupam purchased items marked for Rs. 7,500.

Concept used:

Discount = Marked price \times Discount%

$$\text{Discount\%} = \frac{(\text{Marked Price} - \text{Selling Price})}{\text{Marked Price}} \times 100\%$$

Calculation:

$$\text{Final discount} = 20 + 5 - (20 \times 5)/100 = 24\%$$

$$\text{Discount given to Anupam} = 7500 \times 24\%$$

$$\Rightarrow \text{Rs. 1800}$$

\therefore He saved Rs. 1800.

53. Answer: a

Explanation:

Given:

The compound interest on a certain sum of money for 2 years at 8% per annum compounded annually is Rs. 416.

Concept used:

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

$$\text{Amount} = P + \text{SI}$$

where

P = Principal amount

R = Rate of interest per year

T = Time in years

In case of the compound interest,

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

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

Calculation:

Let the sum be Rs. Q.

According to the question,

$$Q(1 + 8/100)^2 - Q = 416$$

$$\Rightarrow 0.1664Q = 416$$

$$\Rightarrow Q = 416/0.1664$$

$$\Rightarrow Q = 2500$$

Now, the simple interest on Rs. 2500 for 2 years at 8% per annum

$$\Rightarrow (2500 \times 8 \times 2)/1000 = \text{Rs. } 400$$

\therefore Rs. 400 is the simple interest on the same sum at the same rate for the same period.

54. Answer: d

Explanation:

Given:

The curved surface area of a right circular cylinder is 3432 cm^2 and its height is 10.5 cm .

Concept used:

$$\text{Volume of a cylinder} = \pi R^2 H$$

$$\text{Curved surface area of a cylinder} = 2\pi R h$$

where R = Radius of the base, h = height

Calculation:

The radius of the base of the right-circular cylinder = $3432 \div (2\pi \times 10.5)$

$\Rightarrow 52$ cm

Now, the volume of the cylinder = $\pi \times 52^2 \times 10.5$

$\Rightarrow 89232$ cm³

\therefore The volume of the cylinder is 89232 cm³.

55. Answer: c

Explanation:

Given:

Selling price = Rs. 8,40,000

Profit = 20%

Concept used:

Selling Price = Cost Price \times (1 + profit%)

Calculation:

Cost price of the article = $840000 \div (1 + 20\%)$

$\Rightarrow 840000 \div 1.2 =$ Rs. 7,00,000

\therefore The cost price of the article is Rs. 7,00,000.

56. Answer: d

Explanation:

Given:

A and B together can complete a piece of work in 3 days, while C and D together can complete the same work in 6 days.

Concept used:

Total work = Work done per day (efficiency) × Total time taken

Calculation:

Let the work be 6 units and also let the efficiencies of A, B, C and D be represented by A, B, C and D respectively.

According to the question,

$$A + B = 6/3$$

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

$$C + D = 6/6$$

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

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

$$A + B + C + D = 2 + 1$$

$$\Rightarrow A + B + C + D = 3$$

Now, the time taken by A, B, C and D to complete it together = $6/3$

\Rightarrow 2 days

\therefore In 2 days A, B, C and D can complete it together.

57. Answer: c

Explanation:

Given:

There are 3 containers of equal capacity and all are completely filled with a mixture of acid and water.

The ratio of acid and water in the three containers is 1 : 4, 3 : 7 and 2 : 3, respectively.

Calculation:

Let the capacity of each container be $100x$.

$$\text{Quantity of acid in the first container} = 100x \times \frac{1}{1+4} = 20x$$

$$\text{Quantity of acid in the second container} = 100x \times \frac{3}{3+7} = 30x$$

$$\text{Quantity of acid in the third container} = 100x \times \frac{2}{2+3} = 40x$$

$$\text{Total quantity of acid} = 20x + 30x + 40x$$

$$\Rightarrow 90x$$

$$\text{Quantity of water in the first container} = 100x \times \frac{4}{1+4} = 80x$$

$$\text{Quantity of water in the second container} = 100x \times \frac{7}{3+7} = 70x$$

$$\text{Quantity of water in the third container} = 100x \times \frac{3}{2+3} = 60x$$

$$\text{Total quantity of water} = 80x + 70x + 60x$$

$$\Rightarrow 210x$$

Now, the required ratio of the acid to the water = $90x : 210$

$$\Rightarrow 3 : 7$$

\therefore The ratio of acid to water in the mixture is 3 : 7.

58. Answer: d

Explanation:

Given:

Abhay sold 70% of his goods at a profit of 25%, 40% of the remaining goods at a loss of 40%, and the remaining goods at the cost price.

Concept used:

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

$$\text{Selling Price} = \text{Cost Price} - \text{Cost Price} \times \text{Loss\%}$$

$$\text{Profit\%} = \frac{(\text{Selling Price} - \text{Cost Price})}{\text{Cost Price}} \times 100\%$$

Calculation:

Let there be 100 items and each cost Rs. 100.

$$\text{Total cost price} = 100 \times 100 = \text{Rs. } 10000$$

$$\text{Selling of the goods sold at a 70\% profit} = (100 \times 70\%) \times (100 + 100 \times 25\%)$$

$$\Rightarrow 70 \times 125 = \text{Rs. } 8750$$

$$\text{Selling of the goods sold at a 40\% loss} = ((100 - 70) \times 40\%) \times (100 - 100 \times 40\%)$$

$$\Rightarrow 12 \times 60 = \text{Rs. } 720$$

$$\text{Selling of the goods sold at the cost price} = (100 - 70 - 12) \times 100$$

$$\Rightarrow \text{Rs. } 1800$$

$$\text{Total selling price} = 8750 + 720 + 1800 = \text{Rs. } 11270$$

$$\text{Now, the profit percentage} = \frac{11270 - 10000}{10000} \times 100\%$$

$$\Rightarrow 12.7\%$$

∴ H is profit percentage in the entire transaction was 12.7%.

59. Answer: d

Explanation:

Given:

A person invested $\frac{1}{2}$ of his capital at 6%, $\frac{1}{4}$ at 8% and the remaining at 12%.

H is annual income is Rs. 528.

Concept used:

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

Amount = P + SI

where

P = Principal amount

R = Rate of interest per year

T = Time in years

Calculation:

Let the capital be Rs. 8x.

Interest on $\frac{1}{2}$ of his capital at 6% = $(8x/2 \times 6 \times 1)/100$

⇒ Rs. $6x/25$

Interest on $\frac{1}{4}$ of his capital at 8% = $(8x/4 \times 8 \times 1)/100$

⇒ Rs. $4x/25$

Remaining capital = $8x - 4x - 2x = Rs. 2x$

Interest on his remaining capital at 12% = $(2x \times 12 \times 1)/100$

\Rightarrow Rs. $6x/25$

According to the question,

$$6x/25 + 4x/25 + 6x/25 = 528$$

$$\Rightarrow 16x/25 = 528$$

$$\Rightarrow x = (528 \times 25)/16$$

$$\Rightarrow x = 825$$

$$\Rightarrow 8x = 6600 \text{ (Multiplying 8 on both sides)}$$

\therefore The capital was Rs. 6600.

60. Answer: c

Explanation:

Given:

$$\frac{\frac{5}{6} \div \frac{5}{2} \times 3 - 1 \text{ of } 2}{1 + 3 \div \frac{1}{3} \times 6 - 2}$$

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:

$$\frac{\frac{5}{6} \div \frac{5}{2} \times 3 - 1 \text{ of } 2}{1 + 3 \div \frac{1}{3} \times 6 - 2}$$

$$\Rightarrow \frac{\frac{5}{6} \div \frac{5}{2} \times 3 - 2}{1 + 9 \times 6 - 2}$$

$$\Rightarrow \frac{\frac{5}{6} \times \frac{2}{5} \times 3 - 2}{1 + 9 \times 6 - 2}$$

$$\Rightarrow \frac{1 - 2}{1 + 54 - 2}$$

$$\Rightarrow \frac{-1}{53}$$

$$\Rightarrow -\frac{1}{53}$$

\therefore The required answer is $-\frac{1}{53}$.

61. Answer: d

Explanation:

Concept used:

LCM is the smallest common multiple of two or more numbers.

Calculation:

$$\text{LCM} (6, 7, 8, 9) = 504$$

$$\text{Greatest five-digit number} = 99999$$

$$99999 = 504 \times 198 + 207$$

$$\text{Remainder when } 99999 \text{ is divided by } 504 = 207$$

Common difference between the number by which the division is done and the left out remainders = 2

$$\text{Now, the required number} = 99999 - 207 - 2 = 99790$$

∴ 99790 is the greatest five-digit number which on being divided by 6, 7, 8, and 9 leaves remainders 4, 5, 6 and 7, respectively.

62. Answer: c

Explanation:

Given:

5 women and 2 men can complete a work in 4 days, while 6 women and 3 men can complete the same work in 3 days.

Concept used:

Total work = Work done per day (Efficiency) × Total time taken

Calculation:

Let the efficiency of a man and woman be M and W respectively.

According to the question,

$$(5W + 2M) \times 4 = (6W + 3M) \times 3$$

$$\Rightarrow 20W + 8M = 18W + 9M$$

$$\Rightarrow 2W = M$$

$$\Rightarrow M = 2W \quad \dots(1)$$

$$\text{Total work} = (5W + 2M) \times 4$$

$$\Rightarrow 20W + 8M$$

$$\Rightarrow (20W + 8 \times 2W) \text{ (From 1)}$$

$$\Rightarrow (20W + 16W)$$

$$\Rightarrow 36W$$

Efficiency of one man and one woman = $M + W$

$$\Rightarrow 2W + W = 3W$$

Now, time taken by one man and one woman to complete the task = $36W/3W$

$\Rightarrow 12$ days

\therefore In 12 days one woman and one man working together will take to complete the same work.

63. Answer: d

Explanation:

Given:

The average price of 10 books is Rs. 150, while the average price of 8 of these books is Rs. 135.

Of the remaining 2 books, the price of one book is 40% more than the price of the other book.

Concept used:

$$\text{Total} = \text{Average} \times \text{Number of entities}$$

Calculation:

$$\text{Total price of the 8 books} = 8 \times 135 = \text{Rs. } 1080$$

$$\text{Total price of all 10 books} = 10 \times 150 = \text{Rs. } 1500$$

Let the price of one of the books be Rs. Q .

$$\text{Other of the other book} = Q + Q \times 40\% = \text{Rs. } 1.4Q$$

According to the question,

$$Q + 1.4Q = 1500 - 1080$$

$$\Rightarrow 2.4Q = 420$$

$$\Rightarrow Q = 420/2.4$$

$$\Rightarrow Q = 175$$

Now, the price of the costlier book = 1.4×175

$$\Rightarrow \text{Rs. } 245$$

\therefore The price of the costlier book is Rs. 245.

64. Answer: d

Explanation:

Given:

By subtracting 35% of a number from the number the result is 26.

Calculation:

Let the number be Q.

According to the question,

$$Q - Q \times 35\% = 26$$

$$\Rightarrow Q - 0.35Q = 26$$

$$\Rightarrow 0.65Q = 26$$

$$\Rightarrow Q = 26/0.65$$

$$\Rightarrow Q = 40$$

\therefore The required number is 40.

65. Answer: c

Explanation:

Given:

A shopkeeper, in order to clear his old stock of computers, offers 18% discount.

Marked price = Rs. 7500

Concept used:

Selling price = Marked Price - Marked Price \times Discount%

Calculation:

The selling price of a computer = $7500 - 7500 \times 18\%$

\Rightarrow Rs. 6150

\therefore The selling price of a computer is Rs. 6150.

66. Answer: a

Explanation:

Given:

$P : Q = 3 : 2$

Calculation:

$P : Q = 3 : 2$

$\Rightarrow P^2 : Q^2 = 9 : 4$ (Squaring both sides)

$\Rightarrow (P^2 + Q^2)/(P^2 - Q^2) = (9 + 4)/(9 - 4)$ (Using componendo-dividendo method)

$$\begin{aligned} \Rightarrow (P^2 + Q^2)/(P^2 - Q^2) &= 13/5 \\ \Rightarrow (P^2 - Q^2)/(P^2 + Q^2) &= 5/13 \\ \Rightarrow (P^2 - Q^2) : (P^2 + Q^2) &= 5 : 13 \\ \therefore (P^2 - Q^2) : (P^2 + Q^2) &\text{ is equal to } 5 : 13. \end{aligned}$$

67. Answer: b

Explanation:

Given:

In a competitive examination, the ratio of qualified boys and girls is 3 : 2.

If one more boy qualifies, and one qualified girl leaves the class, then their new ratio becomes 2 : 1.

Calculation:

Let there be $3x$ and $2x$ number of qualified boys and girls respectively.

Total qualified candidates = $2x + 3x = 5x$

According to the question,

$$(3x + 1) : (2x - 1) = 2 : 1$$

$$\Rightarrow 3x + 1 = 4x - 2$$

$$\Rightarrow 4x - 3x = 2 + 1$$

$$\Rightarrow x = 3$$

$$\Rightarrow 5x = 15 \text{ (Multiplying 5 on both sides)}$$

\therefore The initial sum of the qualified candidates is 15.

68. Answer: b

Explanation:

Given:

The savings of Rita is equal to 20% of her expenditure.

Concept used:

$$\text{Income} = \text{Expenditure} + \text{Savings}$$

Calculation:

Let the expenditure of of Rita be Rs. 100

$$\text{Savings} = 100 \times 20\% = \text{Rs. } 20$$

$$\text{Income} = 20 + 100 = \text{Rs. } 120$$

$$\text{Increased income} = 120 + 120 \times 35\%$$

$$\Rightarrow \text{Rs. } 162$$

$$\text{Increased expenditure} = 100 + 100 \times 38\%$$

$$\Rightarrow \text{Rs. } 138$$

$$\text{New savings} = 162 - 138 = \text{Rs. } 24$$

$$\text{Now, \% increase} = \frac{24-20}{20} \times 100\%$$

$$\Rightarrow 20\%$$

∴ If her income increases by 35% and expenditure increases by 38%, then her savings increases by 20%.

69. Answer: b

Explanation:

Given:

A person travels one-third of a certain distance at a speed of 45 km/h, and the remaining distance at a speed of 60 km/h.

Concept used:

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

$$\text{Average speed} = \text{Total distance covered} \div \text{Total time taken}$$

Calculation:

Let the distance be 3D km.

Time taken to complete one-third of a certain distance at a speed of 45 km/h

$$\Rightarrow (3D \times 1/3) \div 45$$

$$\Rightarrow D/45 \text{ hours}$$

$$\text{Remaining distance} = 3D - D = 2D \text{ km}$$

Time taken to complete remaining distance at a speed of 60 km/h

$$\Rightarrow 2D \div 60$$

$$\Rightarrow D/30 \text{ hours}$$

$$\text{Now, his speed will be} = \frac{3D}{\frac{D}{45} + \frac{D}{30}}$$

$$\Rightarrow \frac{3}{\frac{1}{18}} = 54 \text{ km/h}$$

\therefore His speed will be 54 km/h.

70. Answer: c

Explanation:

Given:

A train takes a certain time to cover a certain distance at a uniform speed of 70 km/h. If the train runs at a speed of 65 km/h, then it takes 42 minutes more than before.

Concept used:

1 hour = 60 minutes

Time \times Speed = Distance

Calculation:

Let the distance be D km.

According to the question,

$$D/65 - D/70 = 42/60$$

$$\Rightarrow D/910 = 7/10$$

$$\Rightarrow D = 7 \times 91$$

$$\Rightarrow D = 637$$

\therefore The distance covered by the train is 637 km.

71. Answer: c

Explanation:

Given:

Radius = 4

Concept used:

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

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

Where r = radius of the circle

Calculation:

$$\text{Circumference of the circle} = 2\pi \times 4 = 8\pi$$

$$\text{Area of the circle} = \pi \times 4^2 = 16\pi$$

$$\text{Now, \%} = 16\pi / 8\pi \times 100\%$$

$$\Rightarrow 200\%$$

\therefore Numerically, 200% of its circumference is the area of a circle of radius 4.

72. Answer: b

Explanation:

Given:

Interest = Rs. 2400

Time = 4 years

Rate = 8% p.a.

Concept used:

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

$$\text{Amount} = P + \text{SI}$$

where

P = Principal amount

R = Rate of interest per year

T = Time in years

Calculation:

$$\text{The sum} = 2400 \div \{(8 \times 4)/100\}$$

⇒ Rs. 7500

∴ On Rs. 7500 one can earn Rs. 2,400 as simple interest at the rate of 8% per annum in 4 year.

73. Answer: b

Explanation:

Given:

$$[8 + 8 - 2 \times (2 + 81) - 45 \div 9 + (27 \div 9 + 5 \times 3 - 19)]$$

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:

$$[8 + 8 - 2 \times (2 + 81) - 45 \div 9 + (27 \div 9 + 5 \times 3 - 19)]$$

$$\Rightarrow [8 + 8 - 2 \times 83 - 45 \div 9 + (3 + 5 \times 3 - 19)]$$

$$\Rightarrow [8 + 8 - 2 \times 83 - 45 \div 9 + (3 + 15 - 19)]$$

$$\Rightarrow [8 + 8 - 2 \times 83 - 45 \div 9 - 1]$$

$$\Rightarrow [8 + 8 - 2 \times 83 - 5 - 1]$$

$$\Rightarrow [8 + 8 - 166 - 5 - 1]$$

$$\Rightarrow -156$$

\therefore The required answer is -156.

74. Answer: d

Explanation:

Given:

By selling 50 pineapples for Rs. 1,800, a man loses 10%.

Concept used:

$$\text{Selling Price} = \text{Cost Price} \times (1 + \text{Gain}\%)$$

$$\text{Selling Price} = \text{Cost Price} \times (1 - \text{Loss}\%)$$

Calculation:

$$\text{Cost price of 50 pineapples} = 1800 \div (1 - 10\%)$$

$$\Rightarrow 1800 \div 0.90$$

$$\Rightarrow \text{Rs. } 2000$$

$$\text{Cost price of each pineapple} = 2000 \div 50 = \text{Rs. } 40$$

$$\text{Cost price of the pineapples sold in the second transaction} = 552 \div (1 + 15\%)$$

$$\Rightarrow 552/1.15 = \text{Rs. } 480$$

Now, the number of pineapples he should sell for Rs. 552 = $480 \div 40$

$$\Rightarrow \text{Rs. } 12$$

\therefore 12 pineapples he should sell for Rs. 552 to gain 15% in the transaction.

75. Answer: c

Explanation:

Given:

The HCF of two 4-digit numbers is 103 and their LCM is 19261.

Concept used:

HCF of two or more numbers is the greatest factor that divides the numbers.

LCM is the smallest common multiple of two or more numbers.

Calculation:

Let the numbers be $103p$ and $103q$ respectively.

According to the question,

$$\text{LCM}(103p, 103q) = 19261$$

$$\Rightarrow 103 \times p \times q = 19261$$

$$\Rightarrow pq = 187$$

$$\text{So, } pq = 11 \times 17$$

Since 11 and 17 are co-prime to each other, the numbers (103×11) i.e. 1133 and (103×17) i.e. 1751.

Now, the sum = $1133 + 1751$

⇒ 2884

∴ The sum of the two numbers is 2884.

76. Answer: c

Explanation:

The correct answer is 'caring'.

★ Key Points

- **Callous** means feeling or showing no sympathy for others.
 - Example- He seemed **callous** when he delivered the horrible news.
- **Caring** means feeling or showing concern or kindness for others.
 - Example- Mary is the most caring person you will ever meet.
- It is clear that 'callous' and 'caring' are opposite in meaning. Therefore the correct answer is 'caring'.

★ Additional Information

- **Cold** means lacking affection or warmth of feelings.
 - **Insensitive** means showing or feeling no concern for others' feelings.
 - **Hardened** means someone who has had so many bad experiences that nothing upsets or shocks them anymore.
-

77. Answer: d

Explanation:

The correct answer is 'will land'.

★ Key Points

- This is a conditional sentence with the clause 'if'.

- The tense in the 'if' clause is simple present so the main clause would be in simple future.
 - Example - If it rains, you will get wet.

★ Additional Information

- These types of conditional sentences are used to express possible conditions and probable results.
- In these conditional sentences, the time is present or future.

78. Answer: d

Explanation:

The correct answer is 'been informed'.

★ Key Points

- The sentence is in the **Present Perfect** tense.
- So the structure should be: Past participle form of 'be' + V3 i.e been informed.

★ Additional Information

- Present Perfect Tense is used to describe an event that started in the past and the impact of the event is continuing in the present.
 - Example- Her family has been informed about the event.

79. Answer: d

Explanation:

The correct answer is 'however hardly you'.

★ Key Points

- The phrase should be 'however hard you may work' because **'hard'** indicates a person working a lot.
 - Example- He works **hard** in the office.
- While **'hardly'** means that a person is doing nothing at all.
 - Example- He **hardly** works in the garden.
- So the part **'however hardly you'** is wrong as it gives out a different meaning than intended.

★ Additional Information

- The word **'however'** is generally used to introduce contrast or opposition between two independent clauses.
 - Example- **However** pretty you might be, she will still outdo you.

80. Answer: b

Explanation:

The correct answer is **'Everlasting'** .

★ Key Points

- **Eternal** means lasting forever without an end.
 - Example- I want to know her secret of **eternal** youth.
- **Everlasting** means lasting forever.
 - Example- He would suffer **everlasting** torment for his sins.
- It is clear that both words have similar meanings therefore **'everlasting'** is the most appropriate synonym for **'eternal'** .

★ Additional Information

- **Faithful** means remaining loyal.
 - Example- He has remained **faithful** to his company throughout his life.
- **Balanced** means keeping or having balance or good proportions.
 - Example- The dietician recommended a **balanced** diet.
- **Limited** means restricted be it in size, amount, or extent.

- Example- Her sources are **limited** and unreliable.

81. Answer: d

Explanation:

The correct answer is 'Laugh out loud' .

★ Key Points

- To **crack up** means to suddenly laugh a lot and loudly.
 - Example- I took one look at him and **cracked up** .
- So clearly '**Laugh out loud**' is the appropriate meaning of the idiom '**crack up**' .

★ Additional Information

- **Finding fault** with someone or something means finding a problem or issue with something or judging harshly.
 - Example- She will never be content if she keeps **finding fault** in everything.
- **Becoming wise** means gaining wisdom marked by deep understanding and better judgment.
 - Example- You must **become wiser** to excel.
- **Grow old** means to become aged.
 - Example- He plans on **growing old** in that house.

82. Answer: b

Explanation:

The correct answer is 'Rush' .

★ Key Points

- **Rush** means moving with eagerness or haste.
 - Example- He **rushed** towards the metro as he was getting late for work.

- So clearly 'rush' is the perfect one-word substitution for 'move with urgent haste'.

★ Additional Information

- **Chase** means to pursue in order to catch.
 - Example- The police **chased** the thief on road.
- **Race** means competing with others to check who is the fastest at covering a set course.
 - Example- Both of them **raced** in their cars.
- **Sprint** means to run at full speed for a short distance.
 - Example- He **sprinted** off to class to make it in time.

83. Answer: b

Explanation:

The correct answer is 'bleame'.

★ Key Points

- There is no word 'bleame' as such.

★ Additional Information

- **Blare** means making a loud harsh sound.
 - Example- The ambulance arrived with sirens **blaring**.
- **Black** is a color name.
 - Example- The night sky looks **black**.
- A **blade** is the flat-cutting part of a tool or weapon.
 - Example- It was cut cleanly with a sharp **blade**.

84. Answer: c

Explanation:

The correct answer is 'merry in the park' .

★ Key Points

- The preposition used here is 'in' which implies that the children are within the enclosure of the park but does not specify it as a point or location.
 - Example- They had fun **in** the park.
- But if we use the preposition 'at' then it specifies the location i.e **the children played the merry at the park** and not some other place.

★ Additional Information

- 'At' is used when we are at a specific address; at a general location or at a point.
- 'In' is used in space, small vehicles, water, neighborhood, city, or country- a broader setting that is not specific.

85. Answer: a

Explanation:

The correct answer is, 'The largest part'

★ Key Points

- 'Lion's share' is an idiomatic phrase that has originated from fables and short stories.
- Fables are filled with talking animals, and the lion always played the most powerful and important role.
- So therefore lion's share means the largest and biggest share.

★ Additional Information

- **The smallest part** does not represent a lion or its characteristics, it's irrelevant.
- **The oldest part** is not related to the 'lion's share' idiom as everything becomes old with time, it's unrelated.

- **The best part** is related to the 'lion's share' idiom but out of the two, 'the largest share' is the correct answer because the biggest share represents being at the top and the lion is never considered as a second fiddle.

86. **Answer: d**

Explanation:

The correct answer is, '*wilt*'

★ Key Points

- Wilt means to wither, droop, or in this case bend due to lack of water.
- Wilt is used commonly for plants and flowers, to represent their state in conditions of lack of water.
- So the sentence would be, '*The leaves of plants **wilt** soon if they do not get enough water.*'

★ Additional Information

- **Erode** means **to crumble**. Leaves may fall due to a lack of water but they don't crumble.
- **Ebb** means **to reverse**. There is no condition in which leaves go back to their conception, it's illogical.
- **Melt** means **to convert into a liquid form**. Again, there is no condition in which leaves melt.
- Moreover, water pressure acts like a plant's skeleton, and without it, leaves wilt soon.

87. **Answer: c**

Explanation:

The correct answer is, ' Popular '

★ Key Points

- Videos and movies grab audiences' attention better than books.
- They are the common talking point, making them popular.
- Screenplays mean to showcase the exact stories without any diversion.
- And since Films are made in such a way that they are to be liked, *Films based on books are more popular than the original screenplays*.

★ Additional Information

- Better, films and original screenplays have their own objective and target audience. The comparison of being better is absurd. Better is used to comparison in two similar things. For example, *Harry Potter was a better wizard than Ron Weasley*.
- Favourite, depending on the audience. Some people do prefer screenplays over films, it's irrelevant here.
- Different, since films based on books and screenplays have the same source, they are not that different, it's illogical.

88. Answer: b

Explanation:

The correct answer is, 'Permit'

★ Key Points

- The **sanction** means **to allow or to give permission**, and Permit is the word derived from permission.
- For example, *Smoking is not permitted inside the campus*, and *the new law was sanctioned by the government*.

★ Additional Information

- **Cancel** means **to not allow** which is the complete opposite of Sanction.
- **Reward** means to **prize or trophy**, it's irrelevant.
- **Degrade** means **to decrease in value or to decay**, it's also irrelevant.

89. Answer: c

Explanation:

The correct answer is, ' Florist '

★ Key Points

- A florist's job is related to flowers including selling and pruning.
- For Example, *a Florist plays an important role in weddings.*

★ Additional Information

- A flautist is a musician who uses a flute.
- Gardner is a person who maintains a garden, unlike a florist who sells flowers, a gardener only tends to the garden.
- A grocer is a person who sells food and other household items.

90. Answer: b

Explanation:

The correct answer is: largest

★ Key Points

- Let's look at the meaning of the given words.
 - **Longhiest** means having or being of great length; very long, continuing for a long time. (बड़ी लंबाई का होना या होना; बहुत लंबा, लंबे समय तक जारी)
 - **Largest** means greater than average size, extent, quantity, or amount. (औसत आकार, सीमा, मात्रा या राशि से अधिक)
 - **Longest** used for asking or talking about how much something measures in length, distance or time. (लंबाई, दूरी या समय में कोई चीज कितनी मापती है)
 - **Latest** means newest or most recent or modern. (नवीनतम या सबसे हाल का या आधुनिक)

- The implied meaning of the sentence is: Covering the most people in the shortest amount of time must be the top objective for the COVID-19 vaccine.
- Therefore, as per the meaning of the given words, " **largest** " is the appropriate option to fill in.

Hence, the correct answer is option 2 .

Complete sentence: *The priority for the COVID-19 vaccine must be to cover the largest number in the shortest time.*

91. Answer: a

Explanation:

The correct answer is, ' **Coffer** '

★ Key Points

- Coffer means a box used to keep valuable artefacts.
- For example, *the coffer of the captain filled quickly with his victories.*
- Coffer is also known as Cashbox or Money Box.

★ Additional Information

- Caffeine is a compound found in tea and coffee plants.
- Coiffeur means a hairstylist or a hairdresser.
- A coffin means a long, narrow wood box used to bury the dead.

92. Answer: c

Explanation:

The correct answer is, ' Create '

★ Key Points

- Erase means to delete or to make it disappear.
- For example, *the teacher erased all the old questions from the board to write new ones.*
- Create means to make or to invent.
- For example, *the Arts Teacher told his students to create something extraordinary.*
- Erase means to delete and Create means to make.

★ Additional Information

- **Strike** means **to attack** or to hit.
- **Delete** means **to erase** , making it a synonym for Erase.
- **Abolish** means to get rid of or **terminate** .

93. Answer: b

Explanation:

The correct answer is " **completed** ".

★ Key Points

- The **tense** in the sentence "I **have completed** the work two hours ago" is **present perfect tense**.
- The **present perfect tense** is used if the action **started in the past** but still has an **effect on the present** .
 - **Example:** *I **have wanted** to go to the market since yesterday.*
- There is **no action** going on in the **present** according to the **given sentence** as the **work** has already been **completed** two hours ago.
- This demands the usage of **simple past tense** .
 - **Example:** *Mark **slept** like a baby yesterday.*
- Therefore, "completed" is the appropriate option as it is in the simple past tense.

★ Additional Information

- **Past tense** is divided into four types; **simple, continuous, perfect and perfect continuous**.
- **Simple Past tense** – denotes the completed action.
 - **Example:** *I ate ice cream.*
- **Past Continuous tense** – denotes that the action was going on for some time but is over now.
 - **Example:** *I was eating ice cream.*
- **Past Perfect tense** – denotes the action that has been completed sometime before the past.
 - **Example:** *I had eaten ice cream before knowing it was unhealthy.*
- **Past Perfect Continuous tense** – denotes that the past action had continued sometime in the past.
 - **Example:** *I had been eating ice cream before I caught cold.*

94. Answer: b

Explanation:

The correct answer is " **Confere**nse " .

★ Key Points

- The **correct** spelling is " **Confere**nse " .
- Here, the last " **c** " is making an " **s** " sound.
- If the **letter after "c"** is either " **e** ", " **i** ", or " **y** ", then it makes an " **s** " sound.
 - **Example :** *Ci ty, Ce ntral, Boun cy.*
- Therefore, "conferense" is the incorrect spelling of "conference".

★ Additional Information

- " **c** " does **not** have its **own sound** .
- It either makes a " **k** " sound or an " **s** " sound.
- If it comes **before "i, e, y"** it makes an " **s** " sound, otherwise, it makes a " **k** " sound.
 - **Example:** *Cycl e.*
- In "cycle", it initially makes " **s** " sound as it comes **before "y"** and then makes a " **k** " sound as it comes **before "l"** .

95. Answer: b

Explanation:

The correct answer is " **electronic equipments from** ".

★ Key Points

- The word " **Equipments** " is **incorrect** in English.
- " **Equipment** " does **not** have any **plural** form.
- The **plural** form of "Equipment" is also " **Equipment** ".
- Therefore, "electronic equipments from" is the incorrect segment of the sentence.

★ Additional Information

- Many other words have the **same singular and plural form** .
 - **Example:** *accommodation, chalk, clothing, food, homework.*

96. Answer: c

Explanation:

The correct answer is " **the** ".

★ Key Points

- The article " **the** " is used to denote a **specific person or object** .
 - **Example:** *I want **the** book that you borrowed yesterday.*
- In the given blank, the **specific country** should be mentioned.
- Moreover, **other options** denote **pluralism** whereas the **question** demands **singularity** .
- Therefore, the appropriate answer is "the".

★ Additional Information

- Other **articles** include "a" and "an".
- "A" is singularly used in front of words whose **starting letter is not a vowel**.
 - **Example** :*Ira wants **a pen**.*
- "An" is singularly used in front of words whose **starting letter is a vowel**.
 - **Example**:*I ate **an apple** for a snack.*
- "**Many, all and few**" are called **Determiners** which are used in plurals.
- **Many** - denotes a lot of objects.
 - **Example** :*Tim has **many shoes**.*
- **All** - denotes everything present.
 - **Example**:*Ron wants **all the coloured balloons**.*
- **Few** - Denotes some of the objects.
 - **Example** :*Mary lent me a **few bucks**.*

97. Answer: d

Explanation:

The correct answer is, ' Capacity '

★ Key Points

- **Capacity** means **the ability or strength to do something** .
- For example, *the management is looking for someone with the capacity to work under high pressure.*
- Correct sentence would be, **depends first and foremost on its capacity to produce wealth** .

★ Additional Information

- **Range** means span or scope. For example, *this store offers a wide range of options.*
- **Quantity** means number. For example, *the shopkeeper received an order of a big quantity.*
- **Size** means length and measurement. For example, *the size of this shoe is not right.*

98. Answer: b

Explanation:

The correct answer is, ' **Because** '

★ Key Points

- Because is a subordinating conjunction.
- A subordinating conjunction is used to join phrases or to add details to any points.
- Because is used to provide reasons.
- For example, *I came late because I was stuck in traffic.*
- The correct sentence would be, ' **Wealth**' in this sense is not money, because we do not live on the money .

★ Additional Information

- Though is used for contrasting statements. For example, *though I hate him, he is my brother.*
- So is used to tell the consequence. For example, *the queue was long so I couldn't get the tickets.*
- Yet is used for contrasting statements. For example, *the children didn't practice well, yet they exceeded expectations.*

99. Answer: c

Explanation:

The correct answer is, ' **buy** '

★ Key Points

- **Buy** means to purchase .
 - Example - *Charlie buys three chocolates every day.*

- The correct sentence would be, Things that money can buy 'goods' such as food and clothing, and 'services' such as transport and entertainment.

★ Additional Information

- **Admit** means to confess or to tell .
 - Example - *Alan admits of lying to his parents.*
- **Yield** means to produce .
 - Example - *Fruit tress yield bigger harvests every year.*
- **Grant** means to give or to permit .
 - Example - *The judge granted the man some time off.*

100. Answer: d

Explanation:

The correct answer is " effect ".

★ Key Points

- **Effect** means the **consequence** of certain factors.
 - **Example:** *Drought is the **effect** of felling trees.*
- Therefore, "effect" is the appropriate option.

★ Additional Information

- **Conclusion** - Ending.
 - **Example:** *John **concluded** his story with a moral.*
- **Response** - Answer either written or verbal.
 - **Example:** *Bob is not **responding** to my calls.*
- **Evidence** - supporting documents.
 - **Example:** *The lawyer provided **evidence** to strengthen his argument.*