Time Allotted- 100 Minutes **Max marks-** 100

Important Instructions:-
⇨ This paper contains 100 questions which are divided into 4 sections and each section contains 25 questions.
  ✓ General English
  ✓ General Intelligence & Reasoning
  ✓ Numerical Aptitude
  ✓ General Awareness
⇨ There will be 1 mark for each correct answer and also there will be a negative marking of 0.25 for each wrong answer.
⇨ Each question is compulsory to attempt and there will be no negative marking for unattempted questions.

General English

1. Select the most appropriate option to fill in the blank.
The students are in great _____ of their teachers.
1. praise **2.** awe **3.** respect **4.** gusto

2. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The servant was beaten through his master with a stick. /No error
1. no error **3.** through his master
2. with a stick **4.** the servant was beaten

3. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
Many accidents at the factory are caused of workers who don't read warning signs.
1. are caused because of **3.** is caused by
2. is the cause of **4.** no Improvement

4. Select the most appropriate option to fill in the blank.
The origin of ice-cream dates back _____ nearly half-a-century.
1. to **2.** at **3.** from **4.** into

5. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Birds of the same feather
1. People with a generous heart
2. To get into trouble together
3. To be in a totally helpless condition
4. People with similar character

6. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
For her, money is only the means to an end.
1. the means for an end **3.** no Improvement
2. means to end **4.** a means to the end

7. Select the most appropriate antonym of the given word.
Gloomy
1. Cloudy **2.** Bright **3.** Dull **4.** Greedy

8. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
The wound on her hand is now heal completely.
1. has now healing **3.** is now healed
2. no Improvement **4.** is healing now

9. Select the most appropriate synonym of the given word.
Immense
1. Insignificant **2.** Dull **3.** Minute **4.** Massive

10. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Unless you prepare well, you will not get a first class. /No error
1. No error **3.** Unless you prepare well
2. a first class **4.** you will not get

11. Choose the word that can substitute the given sentence.
An internal or external framework of bones
1. Spine **2.** Skull **3.** Skeleton **4.** Skin

12. Choose the word that can substitute the given sentence.
An area of grassland where animals graze
1. Forest **2.** Park **3.** Meadow **4.** Garden

13. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The child always goes for sleep with his teddy bear. /No error
1. with his teddy bear **3.** no error
2. goes for sleep **4.** The child always

14. Choose the correctly spelt word.
1. Exausted **2.** Intelligent **3.** Equaly **4.** Amigrate

15. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Cat's whiskers
1. A very easy matter **3.** To be very determined
2. To be highly impressive **4.** Difficult to understand

16. Select the most appropriate option to fill in the blank.
I _____ very busy lately.
1. would be **3.** will be
2. have been **4.** should be

Comprehension:
In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Mr. Oliver was taking a shortcut 1.____ the pine forest which was making sad, 2.____ sounds because of strong winds. He 3.____ a

lonely boy sitting on a rock. 4.____ boy was weeping soundlessly. There seemed to be 5.____ terribly wrong with the boy.

17. Select the most appropriate option for blank No. 1.

    1. through   **2.** by   **3.** along   **4.** of

18. Select the most appropriate option for blank No. 2.

    1. awesome   **2.** eerie   **3.** banging   **4.** aloud

19. Select the most appropriate option for blank No. 3.

    1. recorded   **2.** noticed   **3.** pointed   **4.** remarked

20. Select the most appropriate option for blank No. 4.

    1. One   **2.** Each   **3.** A   **4.** The

21. Select the most appropriate option for blank No. 5.
    1. anything   **3.** everything
    2. nothing   **4.** something

22. Select the most appropriate synonym of the given word.
    Former
    1. Inferior   **2.** Superior   **3.** Regular   **4.** Previous

23. Select the most appropriate antonym of the given word.
    Impartial
    1. Biased   **3.** Involved
    2. Judicious   **4.** Impractical

24. Choose the correctly spelt word.
    1. Genuine   **2.** Geniune   **3.** Ganuine   **4.** Jenuine

25. Select the most appropriate option to fill in the blank.
    Sarthak _____ everything that a leader should be.
    1. epitomizes   **2.** adores   **3.** worships   **4.** clones

General Intelligence & Reasoning

26. Select the option that is related to the third term in the same way as the second term is related to the first term.
    Salary : Job :: Profit : ?
    1. Loss   **2.** Business   **3.** Huge   **4.** Seller

27. Five boys, G, K, P, R and T, are sitting around a circular table facing towards the centre (not necessarily in the same order). R is third to the left of K. P and G are the immediate neighbours of K. T is to the immediate left of P. Who is sitting second to the right of P?
    1. G   **2.** K   **3.** T   **4.** R

28. Select the figure that will come next in the following series.
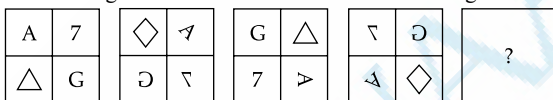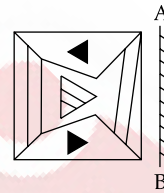

29. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
    Statements:
    I. No A is B.
    II. All C are B.
    Conclusions:
    I. No C is A.
    II. Some A are C.

1. Only conclusion I follows.
2. Both conclusions I and II follow.
3. None of the conclusions follows.
4. Only conclusion II follows.

30. In a certain code language, 'MANGO' is written as '93425' and 'GREAT' is written as '28631'.
    What will be the code for 'GREEN' in that code language?
    1. 28664   **2.** 28994   **3.** 28661   **4.** 28665

31. Select the option that is related to the third term in the same way as the second term is related to the first term.
    Water : Drink :: Bread : ?
    1. Hard   **2.** Eat   **3.** Milk   **4.** White

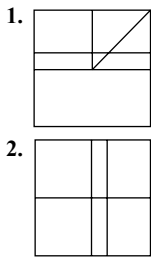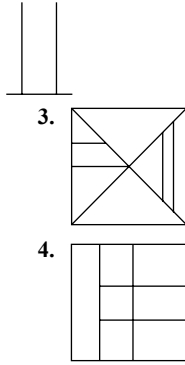**32.** Select the correct mirror image of the given figure when the mirror is placed at line AB.

33. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

7	7	1	48
11	5	1	?
9	5	0	45

1. 36   **2.** 72   **3.** 48   **4.** 54

34. Select the option that is related to the third number in the same way as the second number is related to the first number.
    325 : 18 :: 226 : ?
    1. 14   **2.** 17   **3.** 15   **4.** 16

35. 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.
    Statements:
    I. Some red are cars.
    II. All yellow are cars.
    Conclusions:
    I. Some cars are red.
    II. Some yellow are red.
    III. Some cars are yellow.
    1. Both conclusions I and II follow.
    2. Both conclusions I and III follow.
    3. Both conclusions II and III follow.
    4. Only conclusion II follows.

36. Select the option in which the given figure is embedded.

1.   **3.**

2.   **4.**

37. Select the number that can replace the question mark (?) in the following series.

13, 17, 19, 23, 29, ?
1. 41   **2.** 43   **3.** 37   **4.** 31

38. In a certain code language, 'CAP' is written as '20' and 'ROM' is written as '46'. What will be the code for 'RUB' in that code language?
1. 47   **2.** 41   **3.** 53   **4.** 51

39. In a certain code language, 'RIMPY' is written as 'OFJMV'. What will be the code for 'CORPSE' in that code language?
1. BNQORD   **3.** ZLONPB
2. ZLOMPB   **4.** AMPNQC

40. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

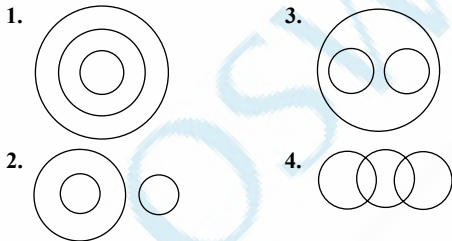**1.**   **3.**

2.   **4.**

41. In a certain code language, 'COMFORTS' is written as 'FJPARMWN'. What will be the code for 'HINDWARE' in that code language?
1. KDRYZVUZ   **3.** KDQYZVUZ
2. LERZAWVA   **4.** MFSABXWB

42. Identify the Venn diagram that best represents the relationship between the given classes.

Venus, Planet, Sun

1.   **3.**

2.   **4.**

43. Which two signs need to be interchanged to make the following equation correct?

$7 - 9 \times 3 \div 9 + 5 = 5$
1. − and ×   **2.** ÷ and ×   **3.** + and −   **4.** + and ÷

44. Select the numbers that can replace the question marks (?) in the following series.

36, 49, 51, 39, 53, 54, 42, 57, 57, 45, ?, ?
1. 71, 60   **2.** 60, 63   **3.** 60, 61   **4.** 61, 60

45. Select the option that is related to the third letter-pair in the same way as the second letter-pair is related to the first letter-pair.
RG : QE :: LB : ?
1. KY   **2.** KZ   **3.** JZ   **4.** JY

46. Five phones, H, M, R, T and V, are kept one above the other (not necessarily in the same order). The number of phones above T is same as the number of phones below V. R is just above H. V is at the bottom. There are two phones between M and V. Which of the following phones are above R?
1. M and T   **2.** H and T   **3.** M and V   **4.** M and H

47. Six tables labelled C, D, L, N, P and X are placed in a row facing towards the south (not necessarily in the same order). D is placed second to the left of L. X is placed second to the right of P. N is placed third to the left of D.
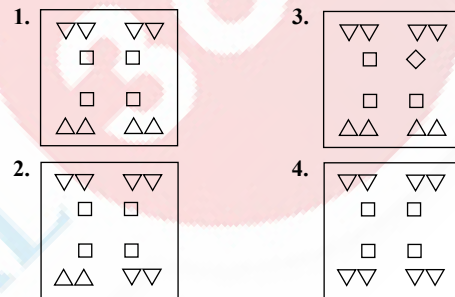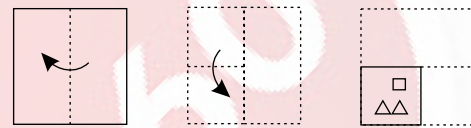How many tables are placed between C and X?
1. 3   **2.** 1   **3.** 2   **4.** 4

48. Select the letter-cluster that can replace the question mark (?) in the following series.
MRT, TYA, AFH, HMO, ?
1. PUV   **2.** PUU   **3.** OTV   **4.** OUT

49. A paper is folded and cut as shown below. How will it appear when unfolded?

1.   **3.**

2.   **4.**

50. Which two numbers need to be interchanged to make the following equation correct?
$3 + 4 - 6 \div 2 = 7$
1. 6 and 2   **2.** 3 and 6   **3.** 2 and 3   **4.** 6 and 4

Numerical Aptitude

51. Marked price and cost price of an article are in ratio 5 : 4. If the profit earned by selling the article is 12.5%, then what is the discount percentage?
1. 12.5   **2.** 15   **3.** 8   **4.** 10

52. The length, breadth and height of a cuboid are 5 cm, 2 cm and 4 cm respectively. What is the total surface area of the cuboid?
1. 84 cm^2 **2.** 152 cm^2 **3.** 38 cm^2 **4.** 76 cm^2

53. A train leaves P at 9 am with speed of 30 km/h. Another train leaves Q at 11 am with speed of 45 km/h. The trains are travelling towards each other on parallel tracks. Distance between P and Q is 300 km. When they meet, what is the ratio of the distances covered by them?
1. 8 : 5   **2.** 13 : 12   **3.** 17 : 14   **4.** 11 : 9

54. 70 sticks each of unit length are combined to form a right angle triangle without breaking any stick. What is the area (in square units) of the triangle?
1. 210   **2.** 180   **3.** 240   **4.** 350

55. A , B and C, working alone can do a piece of work in 15, 30 and 75 days respectively. They work together and get ₹ 1615 for completing the work. What is the difference in shares of A and C?

1. ₹ 760   **2.** ₹ 620   **3.** ₹ 680   **4.** ₹ 540

56. What is the value of $90 \times 3 \div 9 + 4 \div 2 \times 3$ of $4 \times 8 \div (18 \times 2 - 4)$?

1. 48   **2.** 40   **3.** 36   **4.** 42

57. The ratio of milk and water in a mixture is 4 : 3. If we add 2 litres of water, the ratio of milk and water becomes 8 : 7. What is the quantity of the final mixture?

1. 18 litres   **2.** 30 litres   **3.** 24 litres   **4.** 28 litres

58. What is the largest two digit number which when divided by 6 and 5 leaves remainder 1 in each case?

1. 61   **2.** 93   **3.** 91   **4.** 97

59. The average age of 12 boys is 15 years and the average age of 18 girls is 12 years. What is the combined average age of the boys and girls, taken together?

1. 15.4   **2.** 13.2   **3.** 16.6   **4.** 14.8

60. The Table given below presents the marks obtained by three students in five examinations.

Exams	S1	S2	S3
E1	80	84	85
E2	72	91	99
E3	99	80	82
E4	96	95	93
E5	87	86	84

The marks obtained by S1 in Exam E5 is how much percentage (correct up to two places of decimal) more than that obtained by S2 in Exam E3?

1. 9.72   **2.** 8.75   **3.** 9.26   **4.** 10.24

61. Given below is the data of the ages of various children.

Age (Years)	Number of children
6	17
7	16
8	16
9	17
10	19
11	15

What is the difference between the mean and mode of the ages?

1. 1.5   **2.** 1   **3.** 2.5   **4.** 2

62. The Table given below presents the marks obtained by three students in five examinations.

Exams	S1	S2	S3
E1	80	84	85
E2	72	91	99
E3	99	80	82
E4	96	95	93
E5	87	86	84

What is the average of marks obtained by S3 per exam?

1. 84.6   **2.** 88.6   **3.** 82.6   **4.** 86.6

63. An article is sold at $14\frac{2}{7}$ % profit. What is the ratio of the selling to the cost price?

1. 7 : 5   **2.** 8: 7   **3.** 8 : 5   **4.** 7 : 6

64. An article is sold for ₹6500 so as to earn a profit of 4%. A second article whose cost price is ₹3750, is sold at a loss

of 4%. What is the overall gain or loss percent in the whole transaction?

1. Gain 45   **2.** Loss 1%   **3.** Loss 4%   **4.** Gain 1%

65. The diameter of a right circular cylinder is decreased to one third of its initial value. If the volume of the cylinder remains the same, then the height becomes how many times of the initial height?

1. 1   **2.** 9   **3.** 6   **4.** 3

66. The Table given below presents the marks obtained by three students in five examinations.

Exams	S1	S2	S3
E1	80	84	85
E2	72	91	99
E3	99	80	82
E4	96	95	93
E5	87	86	84

What is the sum of marks obtained by S1 per in Exam E4, S2 in Exam E1, S3 in Exam E3 and E5?

1. 346   **2.** 326   **3.** 366   **4.** 306

67. If $A = 40 \div 8 + 5 \times 2 - 4 + 5$ of 3 and $B = 24 \div 4(4 + 2) + 19$ of 2, then what is the value of $A - B$?

1. −11   **2.** 11   **3.** 13   **4.** −13

68. In a bag, the ratio of the number of 2 rupee, 1 rupee and 50 paise coins is 3 : 4 : 5. If the total amount in the bag is ₹ 250 then how many 1 rupee coins are there?

1. 70   **2.** 100   **3.** 60   **4.** 80

69. A sum invested at compound interest (compounded annual) amounts to ₹ 750 at the end of first year and ₹ 900 at the end of second year. What is the sum?

1. ₹ 700   **2.** ₹ 625   **3.** ₹ 600   **4.** ₹ 650

70. What is the average of all the natural numbers from 49 to125?

1. 85   **2.** 87   **3.** 88   **4.** 86

71. If A : B is 2 : 3 B − A = 28, then what is the value of B + A?

1. 120   **2.** 150   **3.** 130   **4.** 140

72. The simple interest on a principal for 6 months at an interest rate of 10% per annum is ₹ 100. What is the principal?

1. ₹ 1000   **2.** ₹ 2000   **3.** ₹ 1500   **4.** ₹ 2500

73. An inlet pipe A originating from a river can fill a reservoir in 30 days and an outlet pipe B, which is capable of emptying the completely filled reservoir in 50 days, drains out the water from the reservoir to an irrigation canal. The pipes are opened on alternate days starting with A. On which day from the beginning will the reservoir get completely filled for the first time?

1. 75th   **2.** 147th   **3.** 150th   **4.** 74th

74. Alok starts walking from P with speed of 6 km/h towards Raman starts at same time from P towards Q with speed of 9 km/h. Raman reaches Q, turns back and starts walking towards P. He meets Alok at R. If PQ is 15 km, then what is PR?

1. 20 km   **2.** 12 km   **3.** 15 km   **4.** 18 km

75. A number is first increased by $16\frac{2}{3}$ % and then decreased by 15% to get 238. What is 37.5% of that number?

1. 150   **2.** 75   **3.** 120   **4.** 90

General Awareness

76. When was the Indian National Flag adopted?
1. 12 July, 1947   **3.** 22 August, 1947
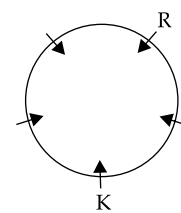**2.** 12 August, 1947   **4.** 22 July, 1947

77. Which of the following river falls in Arabian Sea?
1. Indus
3. Brahmaputra
2. Godavari
4. Krishna

78. Which of the following cricketer was awarded Rajiv Gandhi Khel Ratna 2018?
1. Yuvraj Singh
3. M.S. Dhoni
2. Virat Kohli
4. Rohit Sharma

79. Which of the following is a traditional painting of Odisha?
1. Warli
3. Sanjhi
2. Pattachitra
4. Madhubani

80. Who among the following was NOT a Governor of Reserve Bank of India (RBI)?
1. Manmohan Singh
3. Urjit Patel
2. Sunil Arora
4. Raghuram Rajan

81. Which of the following is an ancient book written by Banabhatta?
1. Kadambari
3. Meghadutam
2. Mrichchhakatika
4. Gitagovinda

82. What is Parsi New year known as?
1. Ugadi
2. Navroz
3. Pateti
4. Puthandu

83. The book 'War and Peace' is written by:
1. Leo Tolstoy
3. Maroof Raza
2. Dalai Lama
4. H.G. Wells

84. How many digits are there on a debit card?
1. 15
2. 16
3. 14
4. 17

85. To which of the following event Lord Curzon is related?
1. Partition of Bengal
2. Setting up of Durand Commission
3. Bhutan War
4. Introduction to system of Budget

86. The term 'time trial' is associated with which of the following sport?
1. Cycling
3. Shooting
2. Hockey
4. Swimming

87. Who is the 17th Lok Sabha Speaker?
1. Meira Kumar
3. Om Birla
2. Somnath Chatterjee
4. Sumitra Mahajan

88. How many Schedules are there in the Indian Constitution?
1. 14
2. 12
3. 11
4. 13

89. According to the Census 2011, what is the population density of India?
1. 372 per sq. km
3. 352 per sq. km
2. 382 per sq. km
4. 362 per sq. km

90. Who discovered electron?
1. J.J. Thomson
3. E. Rutherford
2. James Chadwick
4. E. Goldstein

91. Which of the following ministers is named in the '100 Most Influential in UK-India Relations: Celebrating Women' list?
1. Smriti Irani
3. Sushma Swaraj
2. Nirmala Sitharaman
4. Maneka Gandhi

92. Which of the following Dynasty was founded by Qutb ud-din Aibak?
1. Chera Dynasty
3. Shunga Dynasty
2. Nanda Dynasty
4. Slave Dynasty

93. Under which article of Indian Constitution Hindi is declared as the official language?
1. Article 273
3. Article 360
2. Article 343
4. Article 370

94. Who was the fifth guru in Sikhism?
1. Guru Angad
3. Guru Arjan Dev
2. Guru Ram Das
4. Guru Har Rai

95. Which of the following quantities have its SI unit named after Blaise Pascal?
1. Energy
2. Pressure
3. Work
4. Power

96. Who among the following presented the Union budget of India for maximum times?
1. RK Shanmukham Chetty
3. Morarji Desai
2. Pranab Mukherjee
4. P. Chidambaram

97. Which of the following cell organelle contains DNA apart from nucleus?
1. Cytoplasm
3. Mitochondria
2. Golgi Apparatus
4. Ribosome

98. In which of the following states Marshy/ Peaty soil is NOT predominantly found?
1. Kerala
3. Odisha
2. Madhya Pradesh
4. West Bengal

99. Which of the following element found in water is responsible for cancer?
1. Arsenic
2. Iron
3. Chlorine
4. Fluorine

100. Which of the following disease is caused by severe deficiency of proteins?
1. Kwashiorkor
3. Osteoporosis
2. Anaemia
4. Goiter

Answer Key

| 1.	(2)	2.	(3)	3.	(1)	4.	(1)	5.	(4)	6.	(3)	7.	(2)	8.	(3)	9.	(4)	10.	(1)
11.	(3)	12.	(3)	13.	(2)	14.	(2)	15.	(2)	16.	(2)	17.	(1)	18.	(2)	19.	(2)	20.	(4)
21.	(4)	22.	(4)	23.	(1)	24.	(1)	25.	(1)	26.	(2)	27.	(1)	28.	(4)	29.	(1)	30.	(1)
31.	(2)	32.	(4)	33.	(4)	34.	(3)	35.	(2)	36.	(4)	37.	(4)	38.	(2)	39.	(2)	40.	(1)
41.	(3)	42.	(2)	43.	(3)	44.	(4)	45.	(2)	46.	(1)	47.	(3)	48.	(3)	49.	(1)	50.	(4)
51.	(4)	52.	(4)	53.	(2)	54.	(1)	55.	(1)	56.	(3)	57.	(2)	58.	(3)	59.	(2)	60.	(2)
61.	(1)	62.	(2)	63.	(2)	64.	(4)	65.	(2)	66.	(1)	67.	(4)	68.	(4)	69.	(2)	70.	(2)
71.	(4)	72.	(2)	73.	(2)	74.	(2)	75.	(4)	76.	(4)	77.	(1)	78.	(2)	79.	(2)	80.	(2)
81.	(1)	82.	(2)	83.	(1)	84.	(2)	85.	(1)	86.	(1)	87.	(3)	88.	(2)	89.	(2)	90.	(1)
91.	(2)	92.	(4)	93.	(2)	94.	(3)	95.	(2)	96.	(3)	97.	(3)	98.	(2)	99.	(1)	100.	(1)

Answers with Explanations

1. **Option (2) is correct.**
    The students are in great awe of their teachers. 'Awe' means a feeling of mixed fear, respect, and wonder. Praise is an expression of approval. The blank requires a noun that will be followed by 'of'. For this only 'awe' fits the bill. Though 'gusto' (enjoyment and enthusiasm) is a noun. But it does not make sense.

2. **Option (3) is correct.**
    The servant was beaten by his master with a stick. The usage of 'through' is incorrect ,instead use 'by'. The preposition 'by' is used because it indicates by means of, or agent.

3. **Option (1) is correct.**
    Many accidents at the factory are caused because of workers who don't read warning signs. 'Because of' will replace 'caused of.' The latter part is the reason for the phrase given in the former part. So, 'because' should be used.

4. **Option (1) is correct.**
    The origin of ice-cream dates back to nearly half-a-century. Since the sentence indicates a period of time , the preposition 'to' is the most appropriate.

5. **Option (4) is correct.**
    The idiom 'Birds of the same feather' refers to ones with similar interests or of the same kind. Therefore, 'people with similar character' is appropriate.

6. **Option (3) is correct.**
    For me, money is only the means to an end. No improvement required.

7. **Option (2) is correct.**
    'Gloomy' implies 'unhappy and without hope'. All options, except (2) are synonyms. So 'bright' is the opposite.

8. **Option (3) is correct.**
    The wound on her hand is now healed completely. "is now healed" should be used in place of "is now heal" In passive form, is/am/are should be followed by past participle form.

9. **Option (4) is correct.**
    'Immense' means 'very big'. So 'massive' is the correct synonym.

10. **Option (1) is correct.**
    Unless you prepare well, you will not get a first class. The correct answer is 'No error'.

11. **Option (3) is correct.**
    The correct answer is Skeleton. A skeleton is the structural frame that supports the body of most animals. Spine is the bone of the back of a person or animal.

12. **Option (3) is correct.**
    A forest is an area of land dominated by trees. Meadow is a field of grass. So, an area of grassland where animals graze is meadow.

13. **Option (2) is correct.**
    The child always goes to sleep with his teddy bear. 'Go to sleep' which means to begin sleeping is grammatically appropriate. Child is a singular subject so it will take 'goes' , a singular verb. Hence, 'goes to sleep' is correct.

14. **Option (2) is correct.**
    Intelligent. Exausted- Exhausted ; Equaly – Equally; Amigrate- Emigrate.

15. **Option (2) is correct.**
    Cat's whiskers mean to be better than everyone else/to be highly impressive.

16. **Option (2) is correct.**
    I have been very busy lately. The use of the adverb 'lately' means in the period of time up until now, recently. So present perfect tense " have been" should be used to imply the time from the recent past up to the present time.

17. **Option (1) is correct.**
    Mr. Oliver was taking a shortcut through the pine forest. The preposition 'through' means from one side to another. So, it is most suitable for the blank.

18. **Option (2) is correct.**
    forest which was making sad, eerie sounds because of strong winds. Eerie implies unnerving' weird sounds. Since the strong winds were passing through the forests, it created a weird sound.

19. **Option (2) is correct.**
    He noticed a lonely boy sitting on a rock. Noticed means observed, saw (past tense of see). The other words do not fit the context.

20. **Option (4) is correct.**
    The boy sitting on a rock the boy was weeping soundlessly. A definite article is used when talking about something specific. As the whole passage is talking about the boy hence, he is the specific person and we need the definite article with it.

21. **Option (4) is correct.**
    There seemed to be something terribly wrong with the boy. Something in this context is the correct option.

22. **Option (4) is correct.**
    'Former' denotes the first or first mentioned. So 'previous' is the correct synonym.

23. **Option (1) is correct.**
    'Impartial' means not partial or biased. So the antonym is 'Biased (Unfair).

24. **Option (1) is correct.**
    Genuine.

25. **Option (1) is correct.**
    Sarthak epitomizes everything that a leader should be. Epitomizes means exemplifies. Clones means to duplicate. Since a leader is in question, so Sarthak must be considering him to be a perfect example of a quality or type of thing.

26. **Option (2) is correct.**
    Given that:
    Salary : Job :: Profit : ?
    A salary is a form of compensation one receives for their work in a job.
    Similarly, profit is a form of financial gain or income that a business generates from its operations.
    Both "Salary" and "Profit" are outcomes or returns associated with the respective activities of "Job" and "Business".

27. **Option (1) is correct.**
    Given that:
    R is third to the left of K.

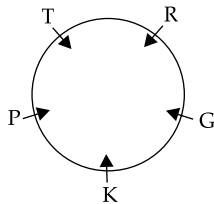   P and G are the immediate neighbours of K.
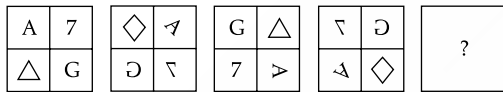
Case 1
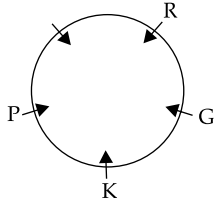
Case 2
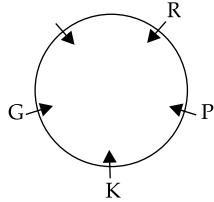
T is to the immediate left of P.

This above statement is violated in case 2. So, it is eliminated. In case 1, T will occupy the position immediately left of P. Hence, the final arrangement is as follows:
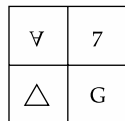

Hence, G is sitting second to the right of P.

28. Option (4) is correct.

Given figure:

A	7		$\diamond$	$\nearrow$		G	$\triangle$		$\ulcorner$	$\sqsupset$		?
$\triangle$	G		$\sqsupset$	$\ulcorner$		7	$\succ$		$\lrcorner$	$\diamond$		

Logic: Follow the pattern and the sequence.

$\forall$	7
$\triangle$	G

29. Option (1) is correct.

As per the statements, following venn diagram can be made:

(1) No A is B. Hence, no C is A.
(2) Since, no A is B and all C are B. Hence, some A are not C.

Hence, only conclusion I follows.

30. Option (1) is correct.

The pattern followed here is:
'MANGO' is written as '93425'

M	A	N	G	O
9	3	4	2	5

'GREAT' is written as '28631'.

G	R	E	A	T
2	8	6	3	1

So,' GREEN' can be written as:-

G	R	E	E	N
2	8	6	6	4

31. Option (2) is correct.

Given pair:
Water : Drink :: Bread : ?
Logic: Water is to drink, similarly, bread is to eat.

32. Option (4) is correct.

Given figure:
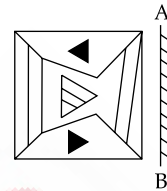
Logic: In the mirror image, left becomes right, and the right becomes left. Hence,
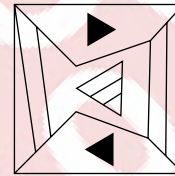
33. Option (4) is correct.

Given that:

$$
\begin{array}{cccc}
7 & 7 & 1 & 48 \\
11 & 5 & 1 & ? \\
9 & 5 & 0 & 45
\end{array}
$$

Logic:
Rowwise: 1st number × 2nd number – 3rd number = 4th number
So,
$7 \times 7 - 1 = 48$
$11 \times 5 - 1 = 54$
$9 \times 5 - 0 = 45$
Hence, the missing number is 54.

34. Option (3) is correct.

Given pair:
325 : 18 :: 226 : ?
The pattern followed here is:
(2nd term)^2 + 1 = 1st term.
So,
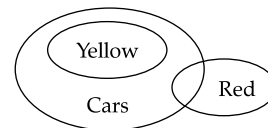For 325 : 18
$18^2 + 1 = 325$
Similarly,
For 226 : ?
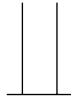$15^2 + 1 = 226$
Hence, 15 is the correct answer.

35. Option (2) is correct.

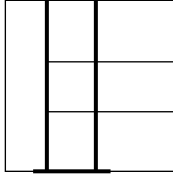As per the statements, following venn diagram can be made:

I.   Some cars are red. ----True
II. Some yellow are red. ---False (Can be possible, but it is not definite)
III. Some cars are yellow. ----True

Hence, both conclusions I and III follow.

36. Option (4) is correct.
Given figure:

The image given is embedded in the figure of option 4 as highlighted below:

37. Option (4) is correct.
Given series: 13, 17, 19, 23, 29, ?
Logic: The given series is a prime number series.
Hence, next prime number after 29 is 31.

38. Option (2) is correct.
Given that: 'CAP' is written as '20'

C	A	P
3	1	16

CAP → 3 + 1 + 16 = 20
'ROM' is written as '46'

R	O	M
18	15	13

ROM → 18 + 15 + 13 = 46

Hence, the code for 'RUB' will be

R	U	B
18	21	2

RUB → 18 + 21 + 2 = 41

39. Option (2) is correct.
Point to remember:

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

'RIMPY' is written as 'OFJMV'.

$$\begin{array}{ccccc} R & I & M & P & Y \\ \downarrow_{-3} & \downarrow_{-3} & \downarrow_{-3} & \downarrow_{-3} & \downarrow_{-3} \\ O & F & J & M & V \end{array}$$

'CORPSE' can be written as:

$$\begin{array}{cccccc} C & O & R & P & S & E \\ \downarrow_{-3} & \downarrow_{-3} & \downarrow_{-3} & \downarrow_{-3} & \downarrow_{-3} & \downarrow_{-3} \\ Z & L & O & M & P & B \end{array}$$
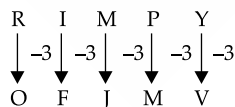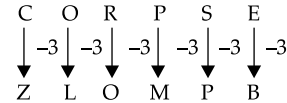
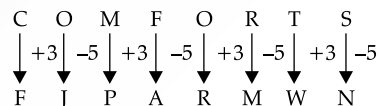**40. Option (1) is correct.**
Given figure:

As per the pattern followed and symmetry, the required image is:

41. Option (3) is correct.
Point to remember:

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

'COMFORTS' is written as 'FJPARMWN'.

$$\begin{array}{cccccccc} C & O & M & F & O & R & T & S \\ \downarrow_{+3} & \downarrow_{-5} & \downarrow_{+3} & \downarrow_{-5} & \downarrow_{+3} & \downarrow_{-5} & \downarrow_{+3} & \downarrow_{-5} \\ F & J & P & A & R & M & W & N \end{array}$$

'HINDWARE' can be coded as:

$$\begin{array}{cccccccc} H & I & N & D & W & A & R & E \\ \downarrow_{+3} & \downarrow_{-5} & \downarrow_{+3} & \downarrow_{-5} & \downarrow_{+3} & \downarrow_{-5} & \downarrow_{+3} & \downarrow_{-5} \\ K & D & Q & Y & Z & V & U & Z \end{array}$$
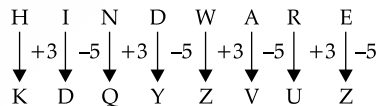
42. Option (2) is correct.
Given that: Venus, Planet, Sun
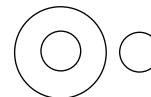
43. Option (3) is correct.
Given equation: $7 - 9 \times 3 \div 9 + 5 = 5$
After interchanging + and − we get
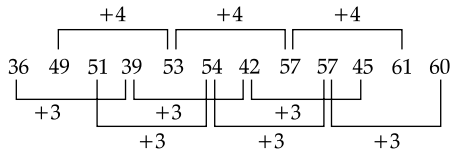LHS $= 7 + 9 \times 3 \div 9 - 5$

$= 7 + 9 \times \dfrac{1}{3} - 5$

$= 7 + 3 - 5$
$= 10 - 5 = 5 = $ RHS

44. Option (4) is correct.

Given series: 36, 49, 51, 39, 53, 54, 42, 57, 57, 45, ?, ?
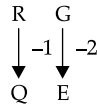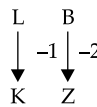
The pattern followed here is:

$$
\begin{array}{cccccccccccc}
& & \overbrace{\qquad}^{+4} & & \overbrace{\qquad}^{+4} & & \overbrace{\qquad}^{+4} & & & & & \\
36 & 49 & 51 & 39 & 53 & 54 & 42 & 57 & 57 & 45 & 61 & 60 \\
& \underbrace{\qquad}_{+3} & & \underbrace{\qquad}_{+3} & & \underbrace{\qquad}_{+3} & & & & & \\
& & \underbrace{\qquad\qquad}_{+3} & & \underbrace{\qquad\qquad}_{+3} & & \underbrace{\qquad\qquad}_{+3} & & & &
\end{array}
$$

Hence, 61, 60 are the missing numbers.

45. Option (2) is correct.

Given that: RG : QE :: LB : ?

The pattern followed here is:

R   G
↓ −1 ↓ −2
Q   E

Similarly,

L   B
↓ −1 ↓ −2
K   Z

Hence, KZ is the correct answer.

46. Option (1) is correct.

Given that: V is at the bottom. There are two phones between M and V.
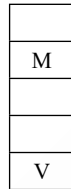
M
V

The number of phones above T is same as the number of phones below V

R is just above H.

T
M
R
H
V
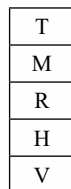
Hence, M and T are kept above R.

47. Option (3) is correct.
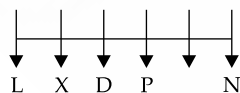
Given that: D is placed second to the left of L.
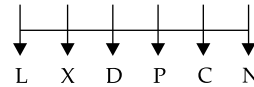
N is placed third to the left of D.

L   D   N
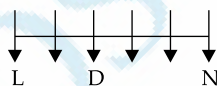
X is placed second to the right of P.

X   P

Combining above these we get:

L   X   D   P   N

Now only C is left, hence C will occupy the vacant position.

So, the final arrangement is

L   X   D   P   C   N
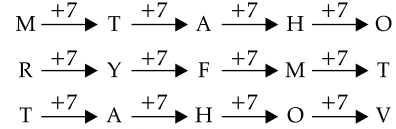
Hence, two tables are placed between C and X

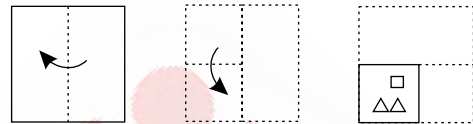**48. Option (3) is correct.**

Given series: MRT, TYA, AFH, HMO, ?

The pattern followed here is:

$$M \xrightarrow{+7} T \xrightarrow{+7} A \xrightarrow{+7} H \xrightarrow{+7} O$$

$$R \xrightarrow{+7} Y \xrightarrow{+7} F \xrightarrow{+7} M \xrightarrow{+7} T$$

$$T \xrightarrow{+7} A \xrightarrow{+7} H \xrightarrow{+7} O \xrightarrow{+7} V$$
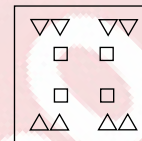
Hence, OTV is the correct answer.

49. Option (1) is correct.

Given image:

Following the pattern and the symmetry, following figure can me made after unfolding the paper:

50. Option (4) is correct.

Given equation: $3 + 4 - 6 \div 2 = 7$

Upon checking option 4 and interchanging 6 and 4 we will get:

$3 + 6 - 4 \div 2 = 7$

$\Rightarrow 3 + 6 - 2 = 7$

$\Rightarrow 9 - 2 = 7$

$\Rightarrow 7 = 7$

51. Option (4) is correct.

Let the marked price and cost price of an article be $5x$ and $4x$ respectively.

$$\therefore \quad SP = CP\left(1 + \frac{Profit\%}{100}\right)$$

$$= 4x\left(1 + \frac{12.5}{100}\right) = 4.5x$$

Discount $= 5x - 4.5x = 0.5x$

Discount % $= \dfrac{0.5x \times 100}{5x} = 10\%$

52. Option (4) is correct.

The total surface area $= 2\,(lb + bh + hl)$

$= 2\,(5 \times 2 + 2 \times 4 + 4 \times 5)$

$= 2\,(10 + 8 + 20)$

$= 2 \times 38 = 76 \text{ cm}^2$

53. Option (2) is correct.

Let Q meets P after t hours then the time taken by P is $(t + 2)$ hours.

$\because$ Distance = speed × time

$\therefore$ Distance travelled by P $= 30\,(t + 2)$

Distance travelled by Q $= 45t$

According to question

$30\,(t + 2) + 45t = 300$

$30t + 60 + 45t = 300$

$75t = 300 - 60 = 240$

$$t = \frac{16}{5}\ h$$

Distance travelled by P = $30\left(\dfrac{16+10}{5}\right) = 156$ km

Distance travelled by Q = $45\left(\dfrac{16}{5}\right) = 144$ km

Ratio = $\dfrac{156}{144} = \dfrac{13}{12} = 13:12$

54. Option (1) is correct.
We have 20 + 21 + 29 = 70
and $(20)^2 + (21)^2 = (29)^2$
$\because p = 20$ and $b = 21$
Area of right angle triangle
$= \dfrac{1}{2}\, pb = \dfrac{1}{2} \times 20 \times 21 = 210$

55. Option (1) is correct.
Since, A, B and C working alone can do a piece of work in 15, 30 and 75 days respectively.
$\because$ The ratio of efficiency of A, B and C

$= \dfrac{1}{15} : \dfrac{1}{30} : \dfrac{1}{75}$

$= \dfrac{150}{15} : \dfrac{150}{30} : \dfrac{150}{75} = 10:5:2$

Share of A $= \dfrac{10}{10+5+2} \times 1615$

$= \dfrac{10}{17} \times 1615 = 950$

Share of C $= \dfrac{2}{17} \times 1615 = 190$

The difference in share of A and C = 950 – 190 = ₹ 760

56. Option (3) is correct.
$90 \times 3 \div 9 + 4 \div 2 \times 3$ of $4 \times 8 \div (18 \times 2 - 4)$
$= 90 \times 3 \div 9 + 4 \div 2 \times 12 \times 8 \div 32$
$= 90 \times 3 \times \dfrac{1}{9} + 4 \times \dfrac{1}{2} \times 12 \times 8 \times \dfrac{1}{32}$
$= 30 + 2 \times 3 = 30 + 6 = 36$

57. Option (2) is correct.
Let the quantity of milk and water in a mixture be $4x$ litres and $3x$ litres respectively.
According to question
$\dfrac{4x}{3x+2} = \dfrac{8}{7} \Rightarrow 28x = 24x + 16$

$\Rightarrow 28x - 24x = 16 \Rightarrow 4x = 16$
$\Rightarrow \quad\quad x = 4$
$\therefore$ Quantity of the final mixture
$= 4x + 3x + 2 = 7x + 2$
$= 7(4) + 2 = 30$ litres.

58. Option (3) is correct.
L.C.M of 6 and 5 = 30
Largest two digits number which are divisible by 30 = 90
$\therefore$ Required number = 90 + 1 = 91

59. Option (2) is correct.
$\because$ Combined mean $= \dfrac{n_1\bar{x}_1 + n_2\bar{x}_2}{n_1 + n_2}$

$= \dfrac{12 \times 15 + 18 \times 12}{12 + 18}$

$= \dfrac{12 \times 33}{30} = 13.2$

60. Option (2) is correct.
The marks obtained by S1 in exam E5 = 87
The marks obtained by S2 in exam E3 = 80
More marks of A than B = 87 – 80 = 7
$\therefore$ More % $= \dfrac{7 \times 180}{80} = 8.75$

61. Option (1) is correct.

Age (X_i)	Number of Children (F_i)	F_iX_i
6	17	102
7	16	112
8	16	128
9	17	153
10	19 (Max.)	190
11	15	165
	$\Sigma f_i = 100$	$850 = \Sigma x f_i$

Mean $= \dfrac{\Sigma x_i f_i}{\Sigma f_i} = \dfrac{850}{100} = 8.5$

Mode = Observation which has maximum frequency
$= 10$
Difference = 10 – 8.5 = 1.5

62. Option (2) is correct.
The sum of all marks of students S3
$= 85 + 99 + 82 + 93 + 84$
Average marks $= \dfrac{443}{5}$
$= 88.6$

63. Option (2) is correct.
Let the cost price be ₹ 100
$\therefore$ SP $= 100\left(1 + \dfrac{100}{7 \times 100}\right) = 100\left(\dfrac{8}{7}\right) = \dfrac{800}{7}$

The ratio of SP and CP $= \dfrac{800}{7 \times 100} = \dfrac{8}{7}$
$= 8:7$

64. Option (4) is correct.
For the first article:
CP $= \dfrac{SP \times 100}{100 + \text{Profit\%}} = \dfrac{6500 \times 100}{100 + 4} = \dfrac{6500 \times 100}{104}$

$= ₹ 6250$
For the second article:
S.P $= C.P\left(1 - \dfrac{\text{loss \%}}{100}\right) = 3750\left(1 - \dfrac{4}{100}\right)$

$= ₹ 3600$
Total C.P = 6250 + 3750 = ₹ 10000
Total S.P = 6500 + 3600 = ₹ 10100
Profit = 10100 – 10000 = 100

Profit % $= \dfrac{100 \times 100}{10000} = 1\%$

65. Option (2) is correct.
Let the radius, height and volume of cylinder be r, h and $\pi r^2 h$ respectively.
$\therefore$ Diameter = $2r$
New diameter $= \dfrac{1}{3} 2r$

New radius $= \dfrac{1}{3} r$

New Volume = $\pi \left(\dfrac{1}{3}r\right)^2 h_2$

$$\pi r^2 h = \dfrac{1}{9} p r^2 h_2$$

$\Rightarrow$ $h = \dfrac{1}{9}h^2 \Rightarrow h^2 = 9h.$

∴ Height becomes 9 times.

66. Option (1) is correct.
Marks obtained by S1 in exam E4 = 96
Marks obtained by S2 in exam E1 = 84
Marks obtained by S3 in exam E3 and E5 = 82 and 84
The sum of marks = 96 + 84 + 82 + 84 = 346

67. Option (4) is correct.
$A = 40 \div 8 + 5 \times 2 - 4 + 5$ of 3
$= 5 + 10 - 4 + 15 = 30 - 4 = 26$
$B = 24 \div 4 (4 + 2) + 19$ of 2
$= 24 \div 24 + 38 = 1 + 38 = 39$
$A - B = 26 - 39 = -13$

68. Option (4) is correct.
Let the number of 2 rupee, 1 rupee and 50 paise coins be $3x$, $4x$ and $5x$ respectively.

Total amount $= 2 \times 3x + 1 \times 4x + \dfrac{1}{2}(5x)$

$= 250$

$\Rightarrow$ $6x + 4x + \dfrac{5x}{2} = 250$

$\Rightarrow$ $\dfrac{20x + 5x}{2} = 250$

$\Rightarrow$ $\dfrac{25x}{2} = 250$

$\Rightarrow$ $x = \dfrac{250 \times 2}{25} = 20$

∴ Number of 1 rupee coins $= 4x = 4 \times 20 = 80$

69. Option (2) is correct.
Since, amount at the end of first year = Principal of second year = ₹ 750

∴   Amount $= P\left(1 + \dfrac{r}{100}\right)^n$

$900 = 750\left(1 + \dfrac{r}{100}\right)^1$

$\Rightarrow$ $\dfrac{900}{750} = 1 + \dfrac{r}{100}$

$\Rightarrow$ $\dfrac{6}{5} - 1 = \dfrac{r}{100} \Rightarrow \dfrac{1}{5} = \dfrac{r}{100}$

$= r = 20\%$

Now, for the first year

$750 = P\left(1 + \dfrac{20}{100}\right)^1 = P \times \dfrac{6}{5}$

∴ $P = \dfrac{750 \times 5}{6} = ₹ 625$

70. Option (2) is correct.
The number of natural numbers from 49 to 125
$= 125 - 48 = 77$
Sum of natural number from 49 to 125

$= \dfrac{77}{2}(49 + 125) = \dfrac{77 \times 174}{2} = 77 \times 87$

Average $= \dfrac{77 \times 87}{77} = 87$

71. Option (4) is correct.
Let A = $2x$ and B = $3x$
∴ $B - A = 28$
$\Rightarrow$ $3x - 2x = 28 \Rightarrow x = 28$
∴ $B + A = 2x + 3x = 5x$
$= 5 \times 28 = 140$

72. Option (2) is correct.
∴ $SI = \dfrac{P \times R \times T}{100}$

∴ $100 = \dfrac{P \times 10 \times 6}{12 \times 100}$

$P = ₹ 2000$

73. Option (2) is correct.
A can fill the reservoir in 30 days
B drains out the water from the reservoir in 50 days
Total work = L.C.M (30, 50) = 150 units
A's efficiency $= \dfrac{150}{30} = 5$ units/days

B's efficiency $= \dfrac{150}{50} = 3$ units/days
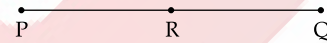
Both pipe together fill $= (5 - 3) = 2$ units in two days.
So, 146 units in 146 days
Remaining $= 150 - 146 = 4$ units
Hence, on the 147th day A will fill the remaining

74. Option (2) is correct.
Let RQ = x km

P   R   Q

∴ Distance travelled by Raman is $(15 + x)$ km.

∴ The time taken by Raman $= 15 + \dfrac{x}{9}h.$

Distance travelled by.Alok is $(15 - x)$ km

∴ Time taken by Alok $= \dfrac{15 - x}{6}$

∴ $\dfrac{15 + x}{9} = \dfrac{15 - x}{6}$

$\Rightarrow$ $2(15 + x) = 3(15 - x)$
$\Rightarrow$ $30 + 2x = 45 - 3x$
$\Rightarrow$ $2x + 3x = 45 - 30$
$\Rightarrow$ $5x = 15 \Rightarrow x = \dfrac{15}{5} = 3$ km.

So, PR = PQ − RQ = 15 − 3 = 12 km.

75. Option (4) is correct.
Let the number be x
∴ According to question

$238 = x\left(1 + \dfrac{50}{300}\right)\left(1 - \dfrac{15}{100}\right)$

$\Rightarrow$ $238 = x\left(\dfrac{7}{6}\right)\left(\dfrac{17}{20}\right)$

$\Rightarrow$ $x = \dfrac{238 \times 6 \times 20}{7 \times 17} = 240$

So, 37.5% of the number $= 240 \times \dfrac{375}{1000} = 90$

76. Option (4) is correct.

The design of the National Flag was adopted by the Constituent Assembly of India on July 22, 1947. The Indian National Congress, India's largest political party before independence, adopted a white, green and red flag as its unofficial flag in 1921 but the Indian national flag was officially hoisted on July 22, 1947 a few days before India's independence from the British on 15 August, 1947.

77. Option (1) is correct.

From the given options, Indus River flows into the Arabian Sea in Pakistan. The Indus River flows through the mountains of Ladakh in the state of Jammu and Kashmir. It rises from Mansarovar in Tibet at an elevation of about 5182 m and flows for about 2880 km upto its outfall into the Arabian Sea.

78. Option (2) is correct.

Virat Kohli along with weightlifter Mirabai Chanu was awarded Rajiv Gandhi Khel Ratna 2018. Virat Kohli is an Indian international cricketer and the former captain of the India national team. Kohli is the third cricketer to be awarded the Khel Ratna after Sachin Tendulkar (1997) and MS Dhoni (2007).

79. Option (2) is correct.

Pattachitra is a traditional painting of Odisha and it is widely regarded as the birthplace of Pattachitra. The art form is known for its intricate details as well as mythological narratives and folktales inscribed in it.

80. Option (2) is correct.

Sunil Arora has not served as the governor of RBI. He was the 23rd Chief Election Commissioner of India. Dr. Manmohan Singh was the Governor of RBI from 1982 to 1985. Dr Urjit R. Patel served as the 24th governor of the RBI between September 2016 and December 2018. Raghuram Rajan was the 23rd Governor of the RBI during September 2013 through September 2016.

81. Option (1) is correct.

Kadambari is a romantic novel in Sanskrit written by Banabhatta. The novel Kadambari is often regarded as the first novel in the world. It is a lyrical prose romance that narrates the love story of Kadambari, a Gandharva princess, and Chandrapida, a prince who is eventually revealed to be the moon god.

82. Option (2) is correct.

According to the Iranian Solar Hirji calendar, the Parsi New Year is known as Navroz. It has been observed by Iranians and Zoroastrians for the last 3000 years. It signifies a time of spiritual renewal and rejuvenation.

83. Option (1) is correct.

War and Peace is a book written by Leo Tolstoy. The book mixes fictional narrative with chapters on history and philosophy. Leo Tolstoy was a Russian writer who is regarded as one of the greatest authors of all time.

84. Option (2) is correct.

Credit and debit cards are a type of plastic form of money which have a total of 16 digits printed on the front. This number is unique and primarily represents and identifies your Debit Card. First 6 digits are Bank Identification Number and the rest 10 digits are Unique Account Number of the card holder. Even the Global Hologram printed on the debit card is a type of security hologram which is very difficult to copy.

85. Option (1) is correct.

The Province of Bengal was divided into West Bengal and East Bengal in 1905 during the period of Lord Curzon. It was a territorial reorganization of the Bengal Presidency carried out by British Raj authorities. It began a transformation of the Indian National Congress from a middle-class pressure group into a nationwide mass movement.

86. Option (1) is correct.

The term 'time trial' is associated with Cycling. A time trial is a contest in which competitor's race along a course individually. Time trial, Stayer, Sprint, Pursuit are the popular terms used in cycling games.

87. Option (3) is correct.

Om Birla is an Indian politician, agriculturist and social worker who is the 17th and current Speaker of the Lok Sabha. The speaker of the Lok Sabha is the presiding officer and the highest official of the Lok Sabha. He serves as a Member of Parliament from Kota-Bundi constituency in Rajasthan.

88. Option (2) is correct.

Schedules refers to the tables which have additional information that is not mentioned in the articles. There are 12 Schedules listed in the Constitution that categorizes and tabulates bureaucratic activity and policy of the Government. The Indian Constitution is divided into 25 parts and 12 schedules which elaborate on government policy or rules in relation to specific Articles of the Constitution.

89. Option (2) is correct.

Population density is a measurement of population per unit land area. According to the Census 2011, the population density of India in 2011 was 382 per sq km-decadal growth of 17.72 percent. Population density is usually shown as the number of people per square kilometre.

90. Option (1) is correct.

J.J. Thomson discovered electron. Thomson was a physics professor at Cambridge University in the UK. He placed cathode tubes in electric and magnetic fields. He was a British physicist and Nobel Laureate in Physics, credited with the discovery of the electron, the first subatomic particle to be discovered.

91. Option (2) is correct.

Nirmala Sitharaman is an Indian economist and politician serving as the Minister of Finance and Corporate Affairs of India since 2019. She is among the 100 most influential women driving the UK-India relationship forward alongside one of Britain's senior-most Cabinet ministers Penny Mordaunt.

92. Option (4) is correct.

Slave Dynasty was founded by Qutb ud-din Aibak. The Slave dynasty lasted nearly a century, ruling from 1206 to 1290. He was a favourite slave of the Muslim general and later sultan Muhammad of Ghūr. This dynasty is known as the Slave dynasty as three of the rulers i.e. Qutb-ud-Din Aibak, Iltutmish and Balban were slaves prior to coming in power.

93. Option (2) is correct.

Under Article 343 of Indian constitution, Hindi in Devanagari script is declared as the official language. It also provided that the English language along with Hindi will be continued to use for 15 more years, i.e., up to 25 January 1965 years from the date of commencement of the Constitution and even after that.

94. Option (3) is correct.

Guru Arjan Dev was the fifth guru in Sikhism. He compiled the first official edition of the Sikh scripture called the Adi Granth. He was also a prolific poet who created hymns of great lyrical quality. Guru Arjan Dev was captured in 1606 by Mughal Emperor Jahangir and imprisoned in Lahore Fort.

95. Option (2) is correct.

Blaise Pascal was a very influential French mathematician and philosopher who contributed to many areas of mathematics. Pascal is the S.I. unit of pressure named after the physicist Blaise Pascal. The pascal (Pa) is the unit of pressure or stress in the International System of Units (SI).

96. Option (3) is correct.

Morarji Desai was known as a man of principles. He was an Indian independence activist and politician who served as the 4th Prime Minister of India. Morarji Desai holds the record of presenting the most number of Union Budgets in the history of India. He has presented 10 budgets which is the highest count followed by P Chidambaram's 9 and Pranab Mukherjee's 8. Yashwant Sinha, Yashwantrao Chavan and C.D. Deshmukh have presented 7 budgets each while Manmohan Singh and T.T. Krishnamachari have presented 6 budgets; Nirmala Sitharaman has presented 5 budgets.

97. Option (3) is correct.

Mitochondria are primitive cell in the human cell. They contain DNA apart from nucleus. This mitochondrial DNA has been preserved for centuries without being destroyed. Mitochondrial DNA is employed in phylogenetic analyses.

98. Option (2) is correct.

Peaty and Marshy soil is found in the wet, humid regions like river deltas and marshlands. From the given options, Marshy/ Peaty soil is not predominantly found in Madhya Pradesh. Generally, it found in Western Gujarat, Sunderban areas of West Bengal, and deltas of the eastern coast.

99. Option (1) is correct.

Arsenic which is found in water is responsible for cancer. Arsenic is a naturally occurring substance that can be found in air, water, and soil. It occurs in many minerals, usually in combination with sulfur and metals. Inorganic arsenic is a confirmed carcinogen and is the most significant chemical contaminant in drinking-water globally.

100. Option (1) is correct.

Kwashiorkor disease is caused by severe deficiency of proteins in the diet of small children. It's most common in some developing regions where babies and children do not get enough protein or other essential nutrients in their diet.