STAFF SELECTION COMMISSION
Multi Tasking (Non-Technical) Staff

SOLVED PAPER

(6th August 2019: Shift-3)

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 substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
Luckily we have got <u>the few</u> minutes to spare.
1. no Improvement **3.** quite few
2. a little **4.** a few

2. Select the most appropriate meaning of the given idiom.
To pick up the threads
1. To examine an issue seriously
2. Being received very warmly
3. To restart from the previous closing point
4. At a short distance

3. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
He has deposits all his money in banks. /No error
1. no error **3.** he has deposits
2. up all his **4.** money in banks

4 Select the most appropriate synonym of the given word.
Profuse
1. Thrifty **2.** Sparse **3.** Aplenty **4.** Scarce

5. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Her relatives were presented at the station to see her off. /No error
1. to see her off **3.** presented at the station
2. her relatives were **4.** no error

6. Choose the correctly spelt word.
1. Noticeable **3.** Nauticable
2. Noticable **4.** Noteceable

7. Select the most appropriate option to fill in the blank.
Your answer book will be _____ by a computer.
1. evaluated **2.** submitted **3.** replied **4.** tested

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.
Friends stand by each other <u>on time</u> of need.
1. for time **3.** no Improvement
2. in times **4.** of times

9. Select the most appropriate option to fill in the blank.
He is addicted to alcohol and exerts a bad influence _____ his family.
1. for **2.** on **3.** about **4.** in

10. Choose the most appropriate word that can substitute the given group of words.
Killing of pests
1. Herbicide **2.** Suicide **3.** Pesticide **4.** Patricide

11. Choose the most appropriate word that can substitute the given group of words.
A group of ships
1. Fleet **2.** Bevy **3.** Suite **4.** Army

12. Select the most appropriate antonym of the given word.
Relaxed
1. Calm **2.** Arrogant **3.** Peaceful **4.** Tense

13. 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.
In his coming film the Spider-Man <u>will be seen</u> in European cities.
1. was seen **3.** has seen
2. no Improvement **4.** had been seen

14. Select the most appropriate meaning of the given idiom.
sail in the same boat
1. pay a very low price for something
2. be in the same situation as others
3. be in heavy debt
4. go for a boat ride

15. Choose the correctly spelt word.
1. Pasenger **3.** Passengger
2. Passinger **4.** Passenger

16. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
He went up to her and asks her why she had insulted him. /No error
1. he went up to her **3.** she had insulted him
2. No error **4.** and asks her why

17. Select the most appropriate option to fill in the blank.
Raja _____ the house before Hari got there.
1. left **2.** had left **3.** will leave **4.** leaves

18. Select the most appropriate synonym of the given word.
    Rectify
    1. Raid   **2.** Bend   **3.** Folly   **4.** Amend
19. Select the most appropriate option to fill in the blank.
    The teacher was very _____ in his subject.
    1. top   **2.** master   **3.** proficient **4.** best
20. Select the most appropriate antonym of the given word.
    Steep
    1. Flat   **2.** Shallow   **3.** Rough   **4.** Narrow

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.

The Thane Municipal Transport (TMT) has seen a 6% drop (1)_____ passenger density after the Brihanmumbai Electric Supply and Transport (BEST) reduced (2)_____ bus fares recently. The drop, though small is enough to set the (3)_____ bells ringing. TMT plies nearly 300 buses and is already facing (4)_____ in managing regular schedules. The ticket cost cut by BEST (5)_____ TMT routes that overlap that of the BEST.

21. Select the most appropriate option for blank No. 1.
    1. in   **2.** of   **3.** on   **4.** from
22. Select the most appropriate option for blank No. 2.
    1. his   **2.** its   **3.** it's   **4.** her
23. Select the most appropriate option for blank No. 3.
    1. clock-tower   **2.** alarm   **3.** church   **4.** temple
24. Select the most appropriate option for blank No. 4.
    1. difficulties   **3.** facilities
    2. consequences   **4.** differences
25. Select the most appropriate option for blank No. 5.
    1. has impacting   **3.** impact
    2. impacting   **4.** has impacted

General Intelligence & Reasoning

26. By interchanging which two signs the equation will be correct?
    $6 + 9 \times 2 - 3 \div 4 = 8$
    1. – and ÷   **2.** – and +   **3.** + and ÷   **4.** ÷ and ×
27. Select the option that is related to the third number in the same way as the second number is related to the first number.
    16 : 9 :: 36 : ?
    1. 17   **2.** 19   **3.** 23   **4.** 11
28. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.
    Statements:
    I. No T is L.
    II. All L are K.
    Conclusions:
    I.   Some K are L.
    II.   Some K are T.
    III. No K is L.
    1. Both conclusion II and III follows
    2. Neither conclusion follow
    3. Only conclusion II follows
    4. Only conclusion I follows
29. Five boys J, K, L, M and T are standing in a queue one after the other (not necessarily in the same order). There is only one boy between K and J. There is only one boy between K and L. There are four boys behind J. T is three places ahead of L. How many boys are ahead of M?
    1. 3   **2.** 0   **3.** 2   **4.** 1
30. By interchanging which two numbers, the value obtained after solving the given equation will be '13'?
 $7 + 8 \div 4 \times 3$
    1. 8 and 3   **2.** 8 and 4   **3.** 7 and 3   **4.** 3 and 4
31. Six cameras G, H, P, S, K and I are placed in a row facing towards north (Not necessarily in the same order). S is placed second to the left of I. H is placed second to the right of G. K is placed third to the left of G.
    Which of the following statement is correct about camera I?
    1. I is not the immediate neighbour of H
    2. I is between G and S
    3. P is third to left of I
    4. I is to the immediate left of G
32. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?
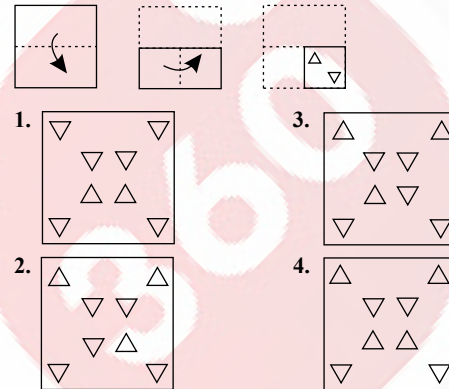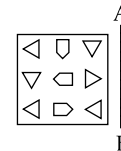

33. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.
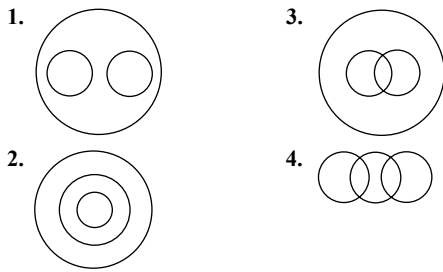
5	1	3
9	9	4
6	?	7
29	22	18

    1. 5   **2.** 3   **3.** 6   **4.** 4
34. If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?

35. Identify the diagram that best represents the relationship among the given classes.

Pentagon, Hexagon, Figure

36. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. Some numbers are letters.

II. No letter is water.

Conclusions:

I. Some water are numbers.

II. Some letters are number.

III. All letters are water.

1. Both conclusion I and III follows

2. Only conclusion I follows

3. Only conclusion II follows

**4.** Neither conclusion follow

37. In a certain code language, 'JAN' is written as '25', 'WED' is written as '32'. What is the code for 'SEP' in that code language?

1. 38   **2.** 39   **3.** 40   **4.** 41

38. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

LP, MR, ? , OV, PX

1. MT   **2.** NU   **3.** MU   **4.** NT

39. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.
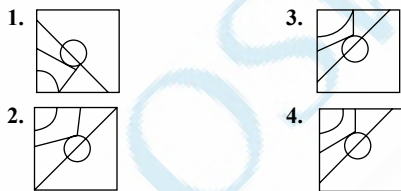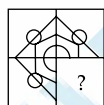
40. In a certain code language, 'DRAUGH' is written as 'LKYEVH'. What is the code for 'MAHTOS' in that code language?

1. WSXLFQ   **3.** WSXLEQ

2. XTYMER   **4.** XTYMFR

41. Select the option that is related to the third term in the same way as the second term is related to the first term.

Rainbow : Sky : : Tsunami : ?

1. Pond   **3.** Land

2. Sea   **4.** Atmosphere

42. Select the number that can replace the question mark (?) in the following series.
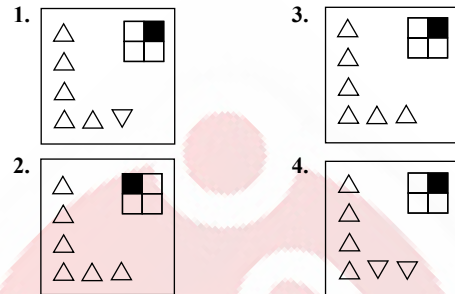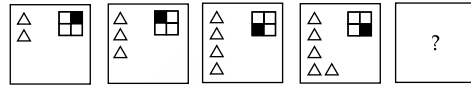
12, 12, 24, 72, 288, ?

1. 1228   **2.** 1440   **3.** 1680   **4.** 1448

43. In a certain code language, 'MOTHER' is written as 'TOMREH'. What is the code for 'STORME' in that code language?

1. OUSEMR   **2.** EMROTS   **3.** MROTES   **4.** OTSEMR
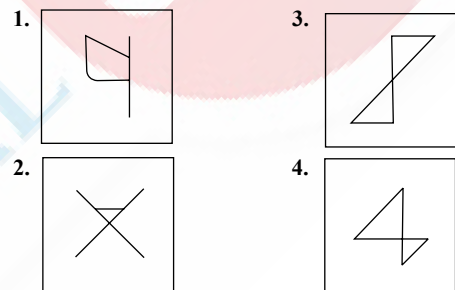
44. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

45. In a certain code language, 'ROCKS' is written as '82649', 'MENTR' is written as '01578'. What is the code for 'TROMN' in that code language?

1. 78205   **2.** 78203   **3.** 76205   **4.** 70581

46. From the given answer figures, select the one in which the question figure is hidden/embedded. (Rotation not allowed)

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

16, 49, 149, 450, 1354, ?

1. 4067   **2.** 4062   **3.** 4066   **4.** 4068

48. In the following question, select the related letters from the given alternatives.

JRM : DLG :: TNL : ?

1. NHF   **2.** NHE   **3.** MHF   **4.** MHE

49. Select the option that is related to the third word in the same way as the second word is related to the first word.

Catching : Tongs :: Digging?

1. Pen   **2.** Gutter   **3.** Spoon   **4.** Spade

50. Six players C, E, G, I, K and M are standing in a row facing towards north (Not necessarily in the same order). Two players are standing between C and M. I is standing to the immediate left of C. E is standing second to the left of G. K is third to the right of G.

Who is standing second to the right of I?

1. E   **2.** M   **3.** K   **4.** C

Numerical Aptitude

51. If $x : y = 13 : 12$ and $x - y = 2$, then what is value of $2x + 3y$?
1. 144   **2.** 120   **3.** 124   **4.** 136

52. The radii of a right circular cone and a right circular cylinder are in the artio 2 : 3. If the ratio of the heights of the cone and the cylinder is 3 : 4, then what is the ratio of the volumes of the cone and the cylinder?
1. 1 : 6   **2.** 1 : 3   **3.** 1 : 9   **4.** 2 : 3

53. Average age of 9 men is 45 years. If age of one woman is inculded, then the average age becomes 44 years. What is the age of the woman?
1. 44 years   **2.** 30 years   **3.** 40 years   **4.** 35 years

54. P sold an article to Q at a profit of 20%. Q sold the same article to R at a loss of 25%. R sold the same article to t at a profit of 50%. If P bought the article at ₹100, then at what price did T buy that article?
1. ₹145   **2.** ₹125   **3.** ₹115   **4.** ₹135

55. What is the value of $(6 \text{ of } 4 \div 16 \times 48) \div 8 \times 4 + 2 \times 3 \div 6 + 5$ $(6 - 2)$?
1. 63   **2.** 79   **3.** 67   **4.** 57

56. ₹ 480 is invested at simple interst. It becomes ₹ 520 after 20 months. What is the interest rate per annum?
1. 6%   **2.** 5%   **3.** 8%   **4.** 4%

57. The monthly incomes of A and B ₹ 12000 and ₹ 15000 respectively. the monthly expendiure of A is ₹ 8000. If the ratio of the monthly expenditure of A and B is 2 : 3, then what is the sum of their monthly savings?
1. ₹ 7000   **2.** ₹ 8000   **3.** ₹ 5000   **4.** ₹ 6000

58. The area of a rhombus is 300 cm². If the length of one of the diagonals of the rhombus is 30 cm, then what is the length (in cm) of the second diagonal?
1. 25   **2.** 10   **3.** 20   **4.** 30

59. If the height of an equilateral triangle is $20\sqrt{2}$cm, then what is its area (in cm²)?
1. $\dfrac{800}{3}$ **2.** $\dfrac{1}{3}400\sqrt{3}$ **3.** $\dfrac{1}{3}800\sqrt{3}$ **4.** $\dfrac{400}{3}$

60. A number is first increased by 40% and then it is increased by 30%. What is the net percentage increase?
1. 82%   **2.** 96%   **3.** 72%   **4.** 70%

61. Ravika alone can complete three-fifth of a work in 105 days. Malika can complete one-third of work in 50 days. In how many days Ravika and Malika working together can complete $\dfrac{26}{35}$ of the work?
1. 63 days   **2.** 70 days   **3.** 60 days   **4.** 80 days

62. The speed of a car is 36 km/h. How much time (in minutes) will a bus traveling at one-fifth of the speed of the car take to cover a distance of 900 m?
1. $5\dfrac{1}{2}$ **2.** $7\dfrac{1}{2}$ **3.** $10\dfrac{1}{2}$ **4.** $8\dfrac{1}{2}$

63. What is the least number of four digits which is exactly divisible by 2, 4, 6 and 8?
1. 1016   **2.** 1024   **3.** 1008   **4.** 1096

64. Average of 50 numbers was calculated as 20 when three numbers, 26, 36 and 64 were wrongly read as 31, 46 and 59 respectively. What is the correct average?
1. 26.2   **2.** 19.8   **3.** 20.2   **4.** 24.4

65. The Pie chart given below presents the percentages of the number of motor cycles of different colours out of the total number of motor cycles, parked in an area. The central angles shown in the Pie chart are not as per any chosen scale.
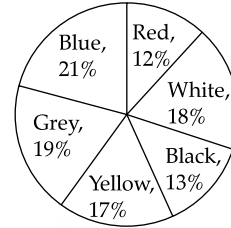

What is the central angle (nearest to one degree) corresponding to the motor cycles of black-colour?
1. 44   **2.** 45   **3.** 46   **4.** 47

66. The data below shows the number of batsmen having different batting averages.

| Average	Number of batsmen
40 – 44	12
44 – 48	10
48 – 52	8
52 – 56	6
56 – 60	4

What is the mean batting average per batsman?
1. 48   **2.** 47   **3.** 46   **4.** 45

67. Mohit is five times efficient as Rohit. If Mohit can complete a piece of work in 28 days less than Rohit, then in how many days can rohit alone complete the same work?
1. 35 days   **2.** 32 days   **3.** 45 days   **4.** 40 days

68. The Pie chart given below presents the percentage of the number of motor cycles of different colours out of the total number of motor cycles, parked in an area. The central angles shown in the Pie chart are not as per any chosen scale.
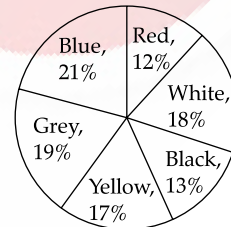
If the total number of motor cycles parked is 2300, then what is the number of red colour motor cycles out of them?
1. 284   **2.** 288   **3.** 280   **4.** 276

69. A sum of ₹ 2400 becomes ₹ 3600 in 6 years at a certain rate of compound interest (compounded annually). What will be the amount after 12 years at the same rate of interest?
1. ₹ 6000   **2.** ₹ 4800   **3.** ₹ 5400   **4.** ₹ 4500

70. The Pie chart given below presents the percentage of the number of motor cycles of different colours out of the total number of motor cycles, parked in an area. The central angles shown in the Pie chart are not as per any chosen scale.
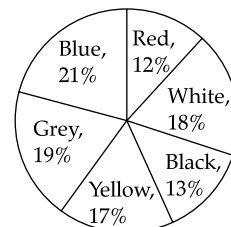
If the total number of motor cycles parked is 2300, the number having white colours is how much less than those having the blue colour?

1. 66 **2.** 72 **3.** 63 **4.** 69

71. A train, 700 m long crosses a pole in 35 seconds. How much time does it take to cross a platform of length 740 m?
1. 1 min 24 s **3.** 1 min 12 s
2. 1 min 30 s **4.** 1 min 20 s

72. If the selling price of an article is 25% of its cost price, then what will be the loss percentage?
1. 25% **2.** 60% **3.** 75% **4.** 50%

73. A trader marked up his articles 25% more than the cost price. If he offered a discount of 10%, then what will be his profit percentage?
1. 140% **2.** 12.5% **3.** 25% **4.** 37.5%

74. The ratio of the ages of two persons is 3 : 4. If the age of one them is greater than the other by 8 years, then what is the sum of their ages?
1. 54 years **2.** 58 years **3.** 60 years **4.** 56 years

75. What is the value of $\dfrac{3}{4} \div \left(\dfrac{1}{2} + \dfrac{1}{16}\right) + \dfrac{2}{3}$ of

$\dfrac{4}{9} \div \left(\dfrac{1}{3} - \dfrac{11}{81}\right) + \dfrac{1}{4} \times \dfrac{2}{3}$?

1. 3 **2.** 1 **3.** 2 **4.** 4

General Awareness

76. 'Dhansiri' is the tributary of which of the following river?
1. Ganga **3.** Brahmaputra
2. Narmada **4.** Indus

77. 'Kajri' folk song is related to which of the following states?
1. Maharashtra **3.** Himachal Pradesh
2. Uttar Pradesh **4.** Rajasthan

78. 'Rani ki vav' motif is present on which of the following currency notes?
1. 50 Rupee Note **3.** 10 Rupee Note
2. 200 Rupee Note **4.** 100 Rupee Note

79. Who has been appointed as the Managing Director and Chief Financial Officer of World Bank in July 2019?
1. P.S. Jaykumar **3.** Ravneet Gill
2. Anshula Kant **4.** Amitabh Chaudhry

80. Which of the following Articles is related to Jammu & Kashmir state of India?
1. Article 378 **3.** Article 370
2. Article 374 **4.** Article 366

81. According to the Census 2011, what is the literacy rate of India?
1. 0.7404 **2.** 0.9401 **3.** 0.644 **4.** 0.8402

82. Which of the following ions are responsible for hardness of water?
1. Sodium and Magnesium ions
2. Calcium and Magnesium ions
3. Potassium and Calcium ions
4. Sodium and Calcium ions

83. When was the first amendment made to the Indian Constitution?
1. 1954 **2.** 1951 **3.** 1953 **4.** 1952

84. In which of the following state of India the only floating park in the world is situated?
1. Meghalaya **2.** Manipur **3.** Tripura **4.** Assam

85. When did the Non-Cooperation Movement end?
1. 1930 **2.** 1925 **3.** 1922 **4.** 1920

86. Which of the following is the traditional theatre of Jammu and Kashmir?
1. Jatra **3.** Maach
2. Swaang **4.** Bhand Pather

87. The concept of 'The Four Noble Truths' belongs to which of the following religions?
1. Jainism **3.** Hinduism
2. Sikhism **4.** Buddhism

88. Who among the following received Rajiv Gandhi Khel Ratna Award 2018 in weightlifting?
1. Mirabai Chanu **3.** Swati Singh
2. Karnam Malleswari **4.** Sanjita Chanu

89. Who among the following has the power to promulgate ordinance?
1. Prime Minister
2. President
3. Chief Justice of Supreme Court
4. Defence Minister

90. Who is the inventor of Dynamite?
1. Alfred Nobel **3.** Robert Oppenheimer
2. Marie Currie **4.** Otto Hahn

91. 'Equus caballus' is the scientific name of which of the following animals?
1. Cheeta **2.** Horse **3.** Wild Ass **4.** Zebra

92. As of November 2023, who is the CEO of Central Bank of India?
1. P. V. Bharti **3.** Matam Venkata Rao
2. Shyam Srinivasan **4.** T.N. Manoharan

93. Which of the following award is given to a University for its all-round good performance in sports?
1. Maulana Abul Kalam Azad Trophy
2. Dhyanchand Award
3. Arjuna Award
4. Dronacharya Award

94. Which of the following Vitamin is related to Osteoporosis?
1. Vitamin B **3.** Vitamin C
2. Vitamin A **4.** Vitamin D

95. Who was the Mughal emperor during the 1857 revolt in India?
1. Shah Alam II **3.** Bahadur Shah II
2. Alamgir II **4.** Akbar Shah II

96. In which union territory of India, Bastille Day is celebrated?
1. Lakshadweep **3.** Dadra and Nagar Haveli
2. Daman & Diu **4.** Puducherry

97. Which of the following is a Communicable disease?
1. Measles **3.** Diabetes
2. Asthma **4.** Alzheimer

98. Who is the writer of the book 'Thoughts on Pakistan'?
1. Muhammad Ali Jinnah **3.** Mahatma Gandhi
2. Dr. B.R. Ambedkar **4.** Rajendra Prasad

99. Dipa Karmakar is associated with which of the following sports?
1. Golf **3.** Tennis
2. Gymnastics **4.** Badminton

100. Which of the following state of India is main producer of Chromite?
1. Goa **2.** Odisha **3.** Haryana **4.** Rajasthan

Answer Key

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

Answers with Explanations

1. **Option (4) is correct.**
   Luckily we have got a few minutes to spare. Few is used for a small number of something. 'A few' means some, the few means not many, but all of those that are mentioned. While 'a little' means a small amount. So 'a few' justifies the blank. The sentence says that a short period of time was available.

2. **Option (3) is correct.**
   The idiom 'to pick up the threads' means to start again after an interruption/to restart from the previous closing point.

3. **Option (3) is correct.**
   He has deposited all his money in banks. The format should be—'have'/'has' + the past participle. Here 'has deposited' will replace 'has deposits'.

4. **Option (3) is correct.**
   Profuse means in abundance. So the most appropriate synonym of the given word is 'Aplenty'. Other options, except (3) are antonyms.

5. **Option (3) is correct.**
   Her relatives were present at the station to see her off. Here, present means to be available.

6. **Option (1) is correct.**
   'Noticeable' is the correct spelling. It means easily seen or noticed.

7. **Option (1) is correct.**
   Your answer book will be evaluated by a computer. 'Evaluate' means 'to judge or determine the document for its accuracy. The usage of 'evaluate' justifies the checking of the answers in the answer book.

8. **Option (2) is correct.**
   Friends stand by each other in times of need. Option 2 is the correct substitute. 'In times of need' is an idiom meaning when help is needed.

9. **Option (2) is correct.**
   He is addicted to alcohol and exerts a bad influence on his family. 'To exert' means to use power or influence to affect somebody/something. This only agrees with 'on'.

10. **Option (3) is correct.**
    Suicide is the killing of oneself.
    Herbicide is the killing of the growth of unwanted plants.
    Patricide is the killing of one's own father.
    Pesticide is the killing of pests.

11. **Option (1) is correct.**
    Bevy refers to a group of group of deer, quail, larks, or young ladies. A group of ships is known as a fleet. Suite usually refers to rooms together, like when you get a suite at a fancy hotel. An army is a large organised group of people who are armed and trained to fight on land in a war.

12. **Option (4) is correct.**
    The word 'relaxed' means stress-free/calm/peaceful. While 'tense' is the opposite.

13. **Option (2) is correct.**
    In his coming film the Spider-Man will be seen in European cities. The sentence indicates a future tense action—'his coming film'—so, the verb too will be in the future tense—'will be seen'. Thus, no improvement.

14. **Option (2) is correct.**
    The idiom 'sail in the same boat' means to be in the same difficult situation.

15. **Option (4) is correct.**
    'Passenger' is the correctly spelt word.

16. **Option (4) is correct.**
    He went up to her and asked her why she had insulted him. The given sentence is in past tense so it needs a verb in its past simple form(asked) and not in the present form (ask).

17. **Option (2) is correct.**
    Raja had left the house before Hari got there. When two events occur in the past, the first event taking place is in past perfect tense (had left), and the second one in simple past (got).

18. **Option (4) is correct.**
    The word 'rectify' means 'to correct' or 'amend'.

19. **Option (3) is correct.**
    The teacher was very proficient in his subject. The word 'proficient implies competent or skilled in doing or using something. While 'master' refers to a man in charge of an organisation or group.

20. **Option (1) is correct.**
    The word 'steep' means 'rising or falling sharply'. 'Flat' is the synonym.

21. **Option (1) is correct.**
    The Thane Municipal Transport (TMT) has seen a 6% drop in passenger density after the Brihanmumbai Electric Supply and Transport (BEST) reduced its bus fares recently. 'From' and 'To'--is always used together to show when the action begins and when it ends. 'Drop in' means a reduction in.

22. **Option (2) is correct.**
    The Brihanmumbai Electric Supply and Transport (BEST) reduced its bus fares recently. Brihanmumbai Electric Supply and Transport (BEST) being the subject of the verb, it also is the antecedent of the pronoun (the blank). 'Its' is appropriate because it is the possessive word, like "his" and "her," for nouns without gender.

23. Option (2) is correct.

The drop, though small is enough to set the alarm bells ringing. The drop in passenger density is actually threatening , despite being a small drop.

24. Option (1) is correct.

TMT plies nearly 300 buses and is already facing difficulties in managing regular schedules. Since drop in passenger density is threatening, it has its effects on the 300 buses that are plying and facing problems in managing regular schedules.

25. Option (4) is correct.

The ticket cost cut by BEST has impacted TMT routes that overlap that of the BEST. 'Has impacted' means influence or a strong effect on something. Present perfect tense is used for an action done in a time period up to the present, and when the effect is in the present.

26. Option (1) is correct.

Given equation:

$6 + 9 \times 2 - 3 \div 4 = 8$

Upon checking option 1 and interchanging the signs, we get – and ÷

$\Rightarrow 6 + 9 \times 2 \div 3 - 4 = 8$

$\Rightarrow 6 + 6 - 4 = 8$

$\Rightarrow 12 - 4 = 8$

$\Rightarrow 8 = 8$

Hence, it is the correct option.

27. Option (2) is correct.

Given pairs:

$16 : 9 :: 36 : ?$

The pattern followed here is:

(1st term ÷ 2) + 1 = 2nd term

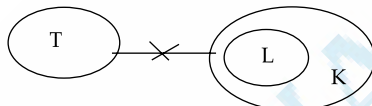So,

$(16 \div 2) + 1$

$\Rightarrow 8 + 1 = 9$

Similarly,

$(36 \div 2) + 1$

$\Rightarrow 18 + 1 = 19$

Hence, 19 is the correct answer.

28. Option (4) is correct.

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

(1) Some K are L: As given that all L are K so, this conclusion follows.

(2) Some K are T: This can be possible but it is not definite. So, this statement doesn't follows.

(3) No K is L: As given that all L are K, which implies some K are definitely L. So, this conclusion doesn't follows.

Hence, only conclusion I follows.
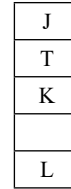
29. Option (1) is correct.

Given that:

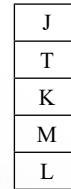There are five boys standing in a queue.

According to the question

There are four boys behind J.

J

T is three places ahead of L. There is only one boy between K and L. There is only one boy between K and J.

J
T
K
L

So, M stands in the remaining place.

J
T
K
M
L

Hence, 3 boys stands ahead of M.

30. Option (1) is correct.

Given equation:

$7 + 8 \div 4 \times 3$

Upon checking option 1 and interchanging 8 and 3, we get

$\Rightarrow 7 + 3 \div 4 \times 8 = 13$

$\Rightarrow 7 + 0.75 \times 8 = 13$

$\Rightarrow 7 + 6 = 13$

$\Rightarrow 13 = 13$

Hence, it is the correct option.

31. Option (3) is correct.

Given that:

Six cameras are place in a row facing towards north.

According to question

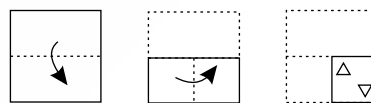K is placed third to the left of G. H is placed second to the right of G.

K			G		H

S is placed second to the left of I. P sits at the remaining place.

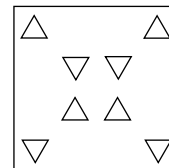| K	P	S	G	I	H

Hence, the correct statement about I is: P is third to the left of I.

32. Option (4) is correct.

Given that:

Follow the pattern and the symmetry. The required image is:

33. Option (2) is correct.

Given that:

5	1	3
9	9	4
6	?	7
29	22	18

The pattern followed here is:

Columnwise: (1st number + 2nd number + 3rd number) + 2nd number = 4th number

So,
Column 1
5 + 9 + 6 + 9 = 29
Column 2
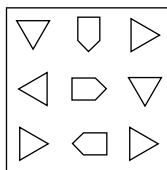1 + 9 + ? + 9 = 22
⇒ ? = 22 − 9 − 9 − 1
⇒ ? = 3
Hence, the missing number is 3.

34. Option (2) is correct.
Given figure:
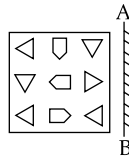
In the mirror image left becomes right and right becomes left. Hence, the required image is:
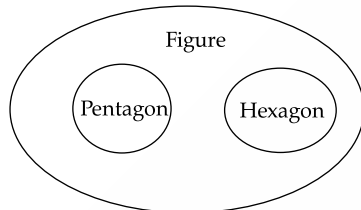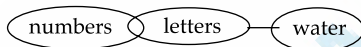

35. Option (1) is correct.
Given that:
Pentagon, Hexagon, Figure
The following venn diagram best represents the given words:

36. Option (3) is correct.
As per the statements, following venn diagram can be made:

I.   Some water are numbers. -----False (It is possible but not definite.)
II. Some letters are numbers. ------- True (some numbers are letters)
III. All letters are water. ------False (no letter is water)
Hence, only conclusion II follows.

37. Option (3) is correct.
Given that: 'JAN' is written as '25', 'WED' is written as '32'.
The pattern followed here is:
The code is the sum of positional values of the alphabets.
JAN-J + A + N »» 10 + 1 + 14 = 25
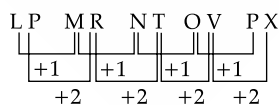WED-W + E + D »» 23 + 5 + 4 = 32
Similarly, 'SEP' can be coded as:
SEP-S + E + P »» 19 + 5 + 16 = 40

38. Option (4) is correct.
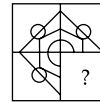Given that:
LP, MR, ?, OV, PX
The pattern followed here is:

Hence, NT is the correct answer.

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

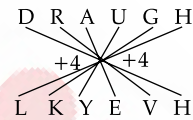Follow the sequence and the pattern. The required image is:

40. Option (3) is correct.
Given that:
'DRAUGH' is written as 'LKYEVH'.
The pattern followed here is:

Similarly,
'MAHTOS' can be written as

Hence, WSXLEQ is the correct answer.

41. Option (2) is correct.
Given that:
Rainbow : Sky : : Tsunami : ?
As rainbow appears in the sky, similarly, Tsunami appears in the sea.

42. Option (2) is correct.
Given that:
12, 12, 24, 72, 288, ?
The pattern followed here is:
12 × 1 = 12
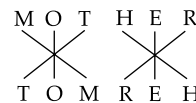12 × 2 = 24
24 × 3 = 72
72 × 4 = 288
288 × 5 = 1440
Hence, 1440 is the correct answer.

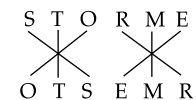**43. Option (4) is correct.**
Given that:
'MOTHER' is written as 'TOMREH'
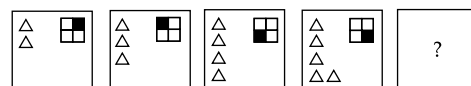The pattern followed here is:

'STORME' can be written as:
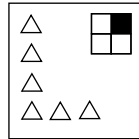

Hence, OTSEMR is the correct option.

44. Option (3) is correct.
Given figure:

Follow the sequence and pattern. The required image is:

45. Option (1) is correct.

Given that: 'ROCKS' is written as '82649' and 'MENTR' is written as '01578'.

The pattern followed here is:

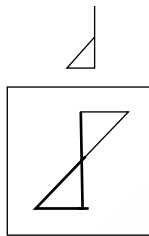| R	O	C	K	S
8	2	6	4	9

M	E	N	T	R
0	1	5	7	8

Similarly,

'TROMN' can be written as:

T	R	O	M	N
7	8	2	0	5

46. Option (3) is correct.

Given figure:

47. Option (1) is correct.

Given series:

16, 49, 149, 450, 1354, ?

The pattern followed here is:

$16 \times 3 + 1 = 49$

$49 \times 3 + 2 = 149$

$149 \times 3 + 3 = 450$
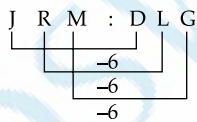
$450 \times 3 + 4 = 1354$

$1354 + 3 \times 5 = $ **4067**

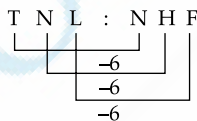Hence, 4067 is the correct answer.

48. Option (1) is correct.

Given that:

JRM : DLG :: TNL : ?

The pattern followed here is:

J R M : D L G

−6, −6, −6

Similarly,

T N L : N H F

−6, −6, −6

Hence, NHF is the correct answer.

49. Option (4) is correct.

Given that: Hold : Tongs :: Dig : ?

As tongs are used for holding. Similarly,

Spade is used for digging.
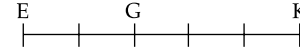
50. Option (3) is correct.

Given that:

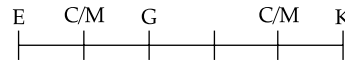Six players are standing in a row facing towards north.

According to the question,
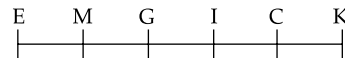
K is third to the right of G.

E is standing second to the left of G

E ———— G ———— K

Two players are standing between C and M

E — C/M — G ———— C/M — K

I is standing to the immediate left of C

E — M — G — I — C — K

So Hence, K is standing second to the right of I.

51. Option (3) is correct.

$\because \qquad \dfrac{x}{y} = \dfrac{13}{12}$

Let $\qquad x = 13K$ and $y = 12K$

$\because \qquad x - y = 2$

$13K - 12K = 2 \Rightarrow K = 2$

Now, $\qquad 2x + 3y = 2(13K) + 3(12K)$

$= 26K + 36K = 62K$

$= 62(2) = 124$

52. Option (3) is correct.

Let the radii of right circular cone and cylinder be $2x$ and $3x$ and their heights be $3y$ and $4y$ respectively.

$$\frac{\text{Volume of cone}}{\text{Volume of cylinder}} = \frac{\frac{1}{3}pr_1^2 h_1}{pr_2^2 h_2}$$

$$= \frac{(2x)^2 \times 3y}{3 \cdot (3x)^2 \times 4y}$$

$$= \frac{12x^2 y}{3 \times 36x^2 y} = \frac{1}{9}$$

$$= 1:9$$

53. Option (4) is correct.

The sum of ages of 9 men = $9 \times 45 = 405$

The sum of ages of 9 men and one woman

$= 10 \times 44 = 440$

$\therefore$ Age of the woman = $440 - 405 = 35$ years

54. Option (4) is correct.

S.P of P = C.P of Q

$= 100\left(1 + \dfrac{20}{100}\right) = ₹ 120$

S.P of Q = C.P of R

$= 120\left(1 - \dfrac{25}{100}\right) = ₹ 90$

S.P of R = C.P of T

$= 90\left(1 + \dfrac{50}{100}\right) = ₹ 135$

55. Option (4) is correct.

$(6 \text{ of } 4 \div 16 \times 48) \div 8 \times 4 + 2 \times 3 \div 6 + 5(6-2)$

$= (24 \div 16 \times 48) \div 8 \times 4 + 2 \times \dfrac{3}{6} + 5(4)$

$= \left(\dfrac{24}{16} \times 48\right) \div 8 \times 4 + 1 + 20$

$= 72 \div 8 \times 4 + 21$

$= \dfrac{72}{8} \times 4 + 21$

$= 36 + 21 = 57$

56. Option (2) is correct.

$$\because \qquad \text{S.I} = \frac{\text{PRT}}{100}$$

$$\therefore \qquad 520 - 480 = \frac{480 \times \text{R} \times 20}{100 \times 12}$$

$$40 = 4 \times 2 \times \text{R}$$

$$\therefore \qquad \text{R} = \frac{40}{8} = 5\%$$

57. Option (1) is correct.

Monthly expenditure of A = ₹ 8000

Let the monthly expenditures of A and B be $2x$ and $3x$

$$\therefore \qquad 2x = 8000 \Rightarrow x = 4000$$

∴ Monthly expenditure of B

$$= 3x = 3 \,(4000) = ₹ \,12000$$

Sum of their monthly savings

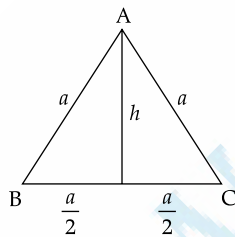$$= (12000 - 8000) + (15000 - 12000)$$

$$= 4000 + 3000 = ₹ \,7000$$

58. Option (3) is correct.

$$\text{Area of rhombus} = \frac{1}{2} \times d_1 \times d_2$$

$$300 = \frac{1}{2} \times 30 \times d_2$$

$$d_2 = \frac{300 \times 2}{30} = 20$$

Length of the second diagonal

$$= 20 \text{ cm}$$

59. Option (3) is correct

$$\because \qquad h = \sqrt{a^2 - \frac{a^2}{4}}$$

$$\Rightarrow \qquad 20\sqrt{2} = \sqrt{\frac{3a^2}{4}}$$

$$\Rightarrow \qquad 20\sqrt{2} = \frac{\sqrt{3}\,a}{2}$$

$$\Rightarrow \qquad a = \frac{40\sqrt{2}}{\sqrt{3}}$$

The area of triangle $= \dfrac{\sqrt{3}}{4}a^2$

$$= \frac{\sqrt{3}}{4} \times \left(\frac{40\sqrt{2}}{\sqrt{3}}\right)^2 = \frac{\sqrt{3}}{4} \times \frac{1600 \times 2}{3}$$

$$= \frac{1}{3} \, 800\sqrt{3} \text{ cm}^2$$

60. Option (1) is correct.

We know that final increase

$$= x + y + \frac{xy}{100}$$

$$= 40 + 30 + \frac{40 \times 30}{100}$$

$$= 40 + 30 + 12 = 82\%$$

61. Option (3) is correct.

Ravika alone can complete a work in $\dfrac{105 \times 5}{3}$ = 175 days.

Malika alone can complete a work in 3 × 50 = 150 days.

Ravika and Malika together can complete a work in

$$\frac{1}{\dfrac{1}{175} + \dfrac{1}{150}} \text{ days} = \frac{1050}{6 + 7} \text{ days} = \frac{1050}{13} \text{ days}$$

Ravika and Malika can complete $\dfrac{26}{35}$ part of work

$$= \frac{1050}{13} \times \frac{26}{35} = 60 \text{ days.}$$

62. Option (2) is correct.

$$\text{Speed of the car} = 36 \text{ km/h} = \frac{36 \times 1000}{60 \times 60} \text{ m/s}$$

$$= 10 \text{ m/s}$$

$$\text{New speed of the car} = \frac{1}{5} \times 10 = 2 \text{ m/s}$$

$$\text{Time} = \frac{\text{D}}{\text{S}} = \frac{900}{2} = 450 \text{ s}$$

$$= \frac{450}{60} = 7\frac{1}{2} \text{ m.}$$

63. Option (3) is correct.

The number which is exactly divisible by 2, 4, 6 and 8

= L.C.M of 2, 4, 6, 8 = 24

Since four digits least number = 1000

Since $\qquad$ 24 × 41 = 984

$$24 \times 42 = 1008$$

∴ Required number = 1008.

64. Option (2) is correct.

The sum of 50 numbers = 20 × 50 = 1000

$$\text{Correct sum} = 1000 - (31 + 46 + 59) + (26 + 36 + 64)$$

$$= 1000 - 136 + 126 = 990$$

$$\text{Correct average} = \frac{990}{50} = 19.8$$

65. Option (4) is correct.

Central angle of motor cycles of black colour

$$= \frac{13}{100} \times 360$$

$$= 46.8° \approx 47°$$

66. Option (1) is correct.

C.I	x_i	f_i	u_i	$f_i u_i$
40–44	42	12	–2	–24
44–48	46	10	–1	–10
48–52	50=A	8	0	0
52–56	54	6	1	6
56–60	58	4	2	8
		40		–20

$$\text{Mean} = A + \frac{\Sigma u_i f_i}{\Sigma f_i} \times h$$

$$= 50 - \frac{20}{40} \times 4 = 48$$

67. Option (1) is correct.

Let the number of days to complete the work be x days

∴ the number of days to complete the work be $x/5$ days

According to the question

$$x - \frac{x}{5} = 28 \implies \frac{4x}{5} = 28 \implies x = 35 \text{ days.}$$

68. Option (4) is correct.

The number of red colour motor cycles

$$= \frac{13}{100} \times 2300 = 13 \times 23 = 276$$

69. Option (3) is correct.

$$\because \qquad A = P\left(1 + \frac{r}{100}\right)^n$$

$$3600 = 2400\left(1 + \frac{r}{100}\right)^6$$

$$\implies \qquad \frac{3600}{2400} = \left(1 + \frac{r}{100}\right)^6$$

$$\implies \qquad \left(1 + \frac{r}{100}\right)^6 = \frac{3}{2} \qquad \qquad \dots(i)$$

Hence, amount after 12 years

$$A = 2400\left(1 + \frac{r}{100}\right)^{12}$$

$$= 2400\left[\left(1 + \frac{r}{100}\right)^6\right]^2$$

$$= 2400\left[\frac{3}{2}\right]^2 = 2400 \times \frac{9}{4}$$

$$= ₹ 5400$$

70. Option (4) is correct.

The number of motor cycles of White colour

$$= \frac{18}{100} \times 2300 = 414$$

The number of motor cycles of Blue colour

$$= \frac{21}{100} \times 2300 = 483$$

Less motor cycles = 483 − 414 = 69

71. Option (3) is correct.

The speed of train $= \dfrac{700}{35} = 20 \text{ m/s}$

The time taken to cross a platform $= \dfrac{740 + 700}{20}$

$$= \frac{1440}{20} = 72 \text{ sec} = 1 \text{ min } 12 \text{ s.}$$

72. Option (3) is correct.

Let the C.P of an article be ₹ 100

∴ S.P of the article be ₹ 25

∴ Loss % = 100 − 25 = 75%

73. Option (2) is correct.

Let the C.P of an article be ₹ 100

∴ M.P of an article will be $100\left(1 + \dfrac{25}{100}\right) = ₹ 125$

S.P of an article will be $125\left(1 - \dfrac{10}{100}\right)$

$$= ₹ 112.5$$
Profit % = 112.5 − 100 = 12.5%

74. Option (4) is correct.

Let the ages of two persons be $3x$ and $4x$

A.T.Q

$$4x - 3x = 8 \implies x = 8$$

The sum of their ages $= 3x + 4x = 7x$

$$= 7 \times 8 = 56 \text{ years}$$

75. Option (1) is correct.

$$\frac{3}{4} \div \left(\frac{1}{2} + \frac{1}{16}\right) + \frac{2}{3} \text{ of } \frac{4}{9} \div \left(\frac{1}{3} - \frac{11}{81}\right) + \frac{1}{4} \times \frac{2}{3}$$

$$= \frac{3}{4} \div \left(\frac{9}{16}\right) + \frac{8}{27} \div \frac{16}{81} + \frac{1}{6}$$

$$= \frac{3}{4} \times \frac{16}{9} + \frac{8}{27} \times \frac{81}{16} + \frac{1}{6}$$

$$= \frac{4}{3} + \frac{3}{2} + \frac{1}{6} = \frac{8 + 9 + 1}{6}$$

$$= \frac{18}{6} = 3$$

76. Option (3) is correct.

Dhansiri is a tributary of the Bramhaputra River, flows through Golaghat District and is supposed to carry the discharge from Numaligarh refinery. It flows through a distance of 352 kilometres from south to north before joining the Brahmaputra on its south bank.

77. Option (2) is correct.

Kajari is a folk song and dance genre of India related to Uttar Pradesh and Bihar. It is performed during the rainy season from late June to September when lush greenery reappears and agricultural labor begins again. Kajri folk song is often used to describe the longing of a maiden for her lover as the black monsoon cloud arrives in the summer skies.

78. Option (4) is correct.

Rani ki Vav or Ranki vav means 'Queen's stepwell', which is a UNESCO World Heritage site in Gujarat. Since July 2018, it is printed on the currency note of ₹100 on its reverse side.

79. Option (2) is correct.

Anshula Kant has been appointed as the Managing Director and Chief Financial Officer of World Bank in July 2019. Previously she was a Managing Director and member of the Board of SBI from September 2018 till August 2019.

80. Option (3) is correct.

Article 370 is related to Jammu & Kashmir state of India which gave special status to Jammu and Kashmir in terms of autonomy and its ability to formulate laws for the state's permanent residents. On 5 August 2019, the government of India revoked the special constitutional status of the erstwhile state of Jammu and Kashmir and now it will no longer have a separate constitution but will have to abide by the Indian constitution much like any other state.

81. Option (1) is correct.

The literacy rate is defined by the percentage of the population of a given age group that can read and write. According to the Census 2011, the literacy rate in the country is 74.04%, 82.14 for males and 65.46 for females. The literacy rates for the country as a whole increased from 18.33% in 1951 to 65.38% in 2001.

82. Option (2) is correct.

Calcium and Magnesium ions are responsible for hardness of water. Hardness is caused by compounds of calcium and magnesium, and by a variety of other metals. It is formed

when water percolates through the deposits of porous particles made up of excess minerals like calcium and magnesium carbonates, sulphates and bicarbonates in it.

83.   Option (2) is correct.
On June 18, 1951 the first amendment made to the Indian Constitution added the fourth clause to Article 15 that empowered the government to make any law for the upliftment of socially and educationally backward classes of citizens or for the Scheduled Castes and Scheduled Tribes. This amendment made several changes to the Fundamental Rights provisions of the Indian constitution.

84.   Option (2) is correct.
Keibul Lamjao National Park is the world's only floating national park which is located on the floating Loktak Lake of Manipur. It is situated at a distance of 53 km from Imphal in the Bishnupur district of the state of Manipur in Northeast India.

85.   Option (3) is correct.
Non-cooperation movement signified a new chapter in the history of the Indian freedom struggle. This movement was a political campaign launched on 1st September 1920, by Mahatma Gandhi and came to an end due to the Chauri Chaura incident on 12th Feb 1922. The movement was launched as per the resolution taken by the Indian National Congress at the Kolkata session but approved in the Nagpur session in December 1920.

86.   Option (4) is correct.
Bhand Pather is the traditional theatre of Jammu and Kashmir. The word bhand stands for 'jester' while pather means 'drama'. It frequently takes place in public areas. Older generations fear that the art form is slowly dying and future generations will be oblivious to their traditional culture.

87.   Option (4) is correct.
Buddhism believed in the four noble truths. Buddhism is one of the world's largest religions and originated 2,500 years ago in India. 'The Four Noble Truths' are 'the truths of the Noble Ones', the truths or realities for the "spiritually worthy ones". Buddhism's famed four truths are called noble because they liberate us from suffering.

88.   Option (1) is correct.
Mirabai Chanu is an Indian weightlifter who received Rajiv Gandhi Khel Ratna Award 2018 in weightlifting. She won the silver medal at the 2020 Tokyo Olympics in the Women's 49 kg category. Chanu has won the World Championships and multiple medals at the Commonwealth Games.

89.   Option (2) is correct.
Article 123 of the Constitution of India gives the right to President of India to Promulgate Ordinance in India on the recommendation of Union Cabinet. An ordinance is a law that is promulgated by the President of India only when the Indian parliament is not in session.

90.   Option (1) is correct.
Alfred Nobel is the inventor of Dynamite. Not only this, he experimented in making synthetic rubber, leather and artificial silk among many other things. Alfred Nobel was a Swedish chemist, inventor, engineer, entrepreneur, business man, author and pacifist. The founder of the prestigious Nobel Prizes made his fortune with a big bang by inventing dynamite, a stabilized form of nitroglycerin.

91.   Option (2) is correct.
Horse is most prominent among the domesticated animals since 3500 BC. The scientific name for the horse is Equus caballus. It belongs to the taxonomic family Equidae and is one of two extant subspecies of Equus ferus.

92.   Option (3) is correct.
As of November 2023, the CEO & MD of the Central Bank of India is Matam Venkata Rao. It is a Public sector bank headquartered in Mumbai, Maharashtra.

93.   Option (1) is correct.
Maulana Abul Kalam Azad Trophy (MAKA) is the highest Award which is awarded to a university for its all-round good performance in Sports, it was initiated in 1956–1957. The objective of the trophy is to promote competitive sports, excellence in sports it was and integrating sports and physical fitness amongst the Indian colleges and universities.

94.   Option (4) is correct.
Osteoporosis is a bone disease that develops when bone mineral density and bone mass decreases. Vitamin D status is related to bone mineral density and bone turnover. Vitamin D deficiency can cause or exacerbate Osteoporosis and induce Osteomalacia.

95.   Option (3) is correct.
Abu Zafar Sirajuddin Muhammad Bahadur Shah Zafar also known as Bahadur Shah or Bahadur Shah II was the Mughal emperor during the 1857 revolt in India. He ruled over a Mughal Empire that had by the early 19th century been reduced to only the city of Delhi and the surrounding territory.

96.   Option (4) is correct.
Bastille Day is celebrated with great honor on 14th July in Pondicherry. Actually, Bastille Day is celebrated as the National Day in France and it is also celebrated in Various Countries other than France, including India in Pondicherry. On the eve of Bastille Day, retired soldiers parade and celebrate the day with Indian and French National Anthems, honoring the French soldiers who were killed in the battles.

97.   Option (1) is correct.
From the given options, Measles is one of the most communicable of all infectious diseases that if one person has it, up to 90% of the people close to that person who are not immune will also become infected. It is spread by coughing and sneezing, close personal contact or direct contact with infected nasal or throat secretions. The symptoms of measles generally appear about seven to 14 days after a person is infected.

98.   Option (2) is correct.
The Book 'Thoughts of Pakistan' was authored by Dr B R Ambedkar. Ambedkar was an Indian jurist, economist, social reformer and political leader who were the First Law Minister of the in independent India. Dr Ambedkar categorically explains in his book about the separatist politics of the Muslim League and how the Congress party along with the British Government played their role in the partition of India.

99.   Option (2) is correct.
Dipa Karmakar is associated with Gymnastics sports and belongs from Indian state Tripura. She is the first gymnast of India who competed in the Olympics. In her debut 2016 Summer Olympics, in the final she reached till 4th position. Dipa Karmakar accumulated 77 medals including 67 Gold medals during 2007 and 2020 in the state, national and international competitions.

100.   Option (2) is correct.
Indian state Odisha is main producer of Chromite. Approximately 98% of India's chromite reserve is found in the Sukinda region of Odisha. Chromium is an important alloying metal in ferrous metallurgy, perhaps next only to manganese. It is the only economic ore of chromium which is an oxide of iron and chromium which is used in chrome plating and alloying for the production of various materials such as corrosion-resistant super alloys, nichrome, and stainless steel etc.