SECTION I

ENGLISH VERSION

1. If in a military code, 'SYSTEM' is written as 'SYSMET' and 'NEARER' as 'AENRER', how 'FRACTION' will be written in that code ?
   (A) CARFTION (B) FRACNOIT
   (C) CARFNOIT (D) ARFCNOIT

2. Which is assumed as the source of Ganges ?
   (A) Gangotri (B) Gomukh
   (C) Kailash Mountain (D) Mansarover

3. Which Indian cricketer is known by the nick name of 'Tiger' ?
   (A) Pataudi (B) Kapil Dev
   (C) Gavaskar (D) Dhoni

4. ECG is done for the disease related to _____.
   (A) Kidney (B) Heart
   (C) Brain (D) Blood

5. Who said, "Jai Jawan Jai Kisan" ?
   (A) Bhagat Singh (B) Chandra Shekhar Azad
   (C) Lal Bahadur Shastri (D) Charan Singh

6. Pulikat Lake is in the State of _____.
   (A) Tamil Nadu (B) Andhra Pradesh
   (C) Bihar (D) Kerala

7. Who is the author of "India Wins Freedom ?
   (A) Abul Kalam Azad (B) Jawaharlal Nehru
   (C) N. C. Chaudhary (D) B. M. Kaul

8. Auckland is in _____.

(A) Australia (B) New Zealand

(C) Canada (D) Ireland

9. Imphal is the Capital of _____.

(A) Manipur (B) Meghalaya

(C) Tripura (D) Andaman Nicobar

10. The moon is the satellite of _____.

(A) Sun (B) Mars

(C) Jupiter (D) Earth

11. Who was the first woman Prime Minister of India ?

(A) Smt. Indira Gandhi (B) Smt. P. D. S. Patil

(C) Smt. Meena Kumari (D) Smt. Sucheta Kriplani

12. Find the L.C.M of 12, 36, 6 and 9 ?

(A) 144 (B) 108

(C) 72 (D) 36

13. What is the name of the place in Delhi where the last rites of Smt. Indira Gandhi were performed ?

(A) Vijay Ghat (B) Raj Ghat

(C) Shakti Sthal (D) Shanti Van

14. Which instrument is used to measure the speed of vehicle ?

(A) Thermometer (B) Barometer

(C) Speedometer (D) Oscilloscope

15. In which city is Raja Sansi International Airport located ?

(A) New Delhi (B) Jalandhar

(C) Amritsar (D) Chandigarh

16. Who is the author of "Yama" ?

(A) Surya Kant Tripathi (B) Sumitranandan Pant

(C) Mahadevi Verma (D) Vatsayan

17. Select the odd one in the following :

(A) Gandhi (B) Buddha

(C) Jesus (D) Mahavir

18. The average of six numbers is 30. If the average of first four numbers is 25 and that of the last three numbers is 35, what is the fourth number ?

(A) 25 (B) 30

(C) 35 (D) 40

19. "Green Revolution" is related to the increased production of which one of the following ?

(A) Tea (B) Sugar

(C) Wheat (D) Rice

20. In a certain code language, KIRAN is written as JJQBM. How JABED will be written in that code language ?

(A) KBAFC (B) IBCFC

(C) IBAFC (D) IBADC

21. If 12 men can dig a well in 20 days, how many men will be required to dig the well in 15 days ?

(A) 15 (B) 16

(C) 18 (D) 13

22. Which gas is used in fire extinguisher ?

(A) Carbon mono oxide (B) Neon

(C) Carbon dioxide (D) Ammonia

23. Arun said, "This girl is the wife of my mother's grandson". How Arun is related to that girl ?

(A) Father (B) Grand father

(C) Husband (D) Father-in-Law

24. Two taps can fill a tank in 2 hours and 3 hours respectively. If both the taps are opened simultaneously, how much time will be taken to fill the tank ?

(A) 2 hour 30 minute (B) 5 hour

(C) 1 hour 12 minute (D) 30 minute

25. How much distance in Kms. will be covered in 50 minutes by a train, travelling at a speed of 22.5 meter/second ?

(A) 112.5 Km (B) 11.25 Km

(C) 56.25 Km (D) 67.5 Km

26. Stainless Steel is the alloy of _____.

(A) Iron and Nickel (B) Iron and Chromium

(C) Iron and Zinc (D) Iron

27. Trimurti is related to _____.

(A) Ellora (B) Ajanta

(C) Khajuraho (D) Elephanta caves

28. In a class of 49 students, Karim's place is 16th from the top. What will be his place from bottom ?

(A) 32 (B) 33

(C) 36 (D) None of these

29. A 270-meter long train crosses a telephone pole in 18 second. What is the speed of the train?

(A) 35 Km/hr (B) 41 Km/hr

(C) 45 Km/hr (D) 54 Km/hr

30. Sambhar Salt Lake is located in the State of _____.

(A) Rajasthan (B) Himachal Pradesh

(C) Karnataka (D) Madhya Pradesh

31. 'Seismograph' measures the _____

(A) Temperature (B) Earthquake

(C) Atmospheric pressure (D) Speed

32. Which planet has rings ?

(A) Saturn (B) Jupiter

(C) Mars (D) Mercury

33. In the following question, one number is odd. Select the odd number in the given number series.

2, 5, 10, 17, 25, 37

(A) 10 (B) 37

(C) 17 (D) 25

34. What is the number whose 20% is 10 ?

(A) 30 (B) 40

(C) 50 (D) 36

35. Some men can complete a piece of work in 100 days. If 10 men are less, the work would have taken 10 more days to be completed. What was the number of men at the start of the work ?

(A) 50 (B) 75

(C) 82 (D) 110

36. Ajanta Ellora caves are in _____?

(A) Rajasthan (B) Gujarat

(C) Andhra Pradesh (D) Maharashtra

37. A machine was sold at a profit of 10%. If it was sold for ₹40 less, there would be a loss of 10%. What was the cost price of the machine ?

(A) ₹175 (B) ₹200

(C) ₹225 (D) ₹250

38. In which year, first Asiad were held ?

(A) 1951 (B) 1953

(C) 1954 (D) 1956

39. "Stick" is related to which sport ?

(A) Billiard (B) Hockey

(C) Boxing (D) Cricket

40. The National Sport of India is :

(A) Cricket (B) Football

(C) Hockey (D) Volleyball

41. As **film** is related to **camera**, in the same manner, **eye** is related to which one of the following ?

(A) Iris (B) Retina

(C) Cornea (D) Cone

42. Which one of the following causes "Malaria" ?

(A) Virus (B) Bacteria

(C) Fungus (D) None of these

43. "Chilka Lake" is in the State of _____.

(A) Rajasthan (B) Odisha

(C) Bihar (D) Madhya Pradesh

44. Who is the first Indian woman to receive the Nobel Prize ?

(A) Mother Teresa (B) Mayawati

(C) Mamta Banerjee (D) Nargis Dutt

45. Which is the birth place of Mother Teresa ?

(A) Switzerland (B) India

(C) Germany (D) Albania

46. Which one of the following is the name of Russia's Union Space Agency?

(A) Roscosmos (B) Cosmos

(C) Rosmos (D) Cosmic

47. The runner, arrested on the charges of murder of his girl friend, belongs to which Country ?

(A) Zimbabwe (B) Kenya

(C) Nigeria (D) South Africa

48. Amer Fort is situated in _____ .

(A) Jaipur (B) Udaipur

(C) Bikaner (D) Alwar

49. Kathputli is the popular dance of which State ?

(A) Rajasthan (B) Punjab

(C) Uttar Pradesh (D) Haryana

50. Where is the Sariska Bird Sanctuary situated ?

(A) Jaipur (B) Udaipur

(C) Ajmer (D) Alwar

51. Select the pair of words which are related to each other as the given words are related to each other.

Politeness : Pride : : ?

(A) Hard : Fat
(B) Soldier : Sleep
(C) Shouting : Speaking
(D) Weakness : Power

Instructions: Q. No. 52 & Q.No. 53. Three words are given in these questions. The first two which are on the left side of : : have a certain relationship. Select the word in the given alternatives which has the same relationship with the word on right side of : :

52. Patrolling : Security : : Insurance : ?

(A) Wealth
(B) Protection
(C) Policy
(D) Finance

53. Car : Garage : : Aeroplane : ?

(A) Landing
(B) Depot
(C) Hanger
(D) Harbour

54. The distance from the sun to the earth is 93.15 million miles. If the speed of light is 186300 mile/second, in how much time, light from the sun would take to reach the earth ?

(A) 0.0005 Second
(B) 0.05 Second
(C) 5 Second
(D) 500 Second

55. A man purchased a watch for ₹400 on the list price. Two successive discounts of 15% and 10% were given to him. How much amount he paid for the watch?

(A) ₹360
(B) ₹350
(C) ₹316
(D) ₹306

56. A 70-litre mixture of wine and water contains 10% of water. How much more water should be added to it so that its percentage will be 12½% in the mixture.

(A) 1 litre
(B) 2 litre
(C) 5 litre
(D) 9 litre

57. Which vitamin is responsible for clotting of blood ?

(A) A (B) B

(C) K (D) E

58. What is best source of Vitamin 'A' ?

(A) Lemon (B) Amla

(C) Grapes (D) Carrot

59. Which alternative replaces Question Mark (?) in the following question.

15 : 225 :: 35 : ?

(A) 1225 (B) 575

(C) 1325 (D) 1125

60. 0.17 x 0.19 = ?

(A) 0.3230 (B) 3.230

(C) 0.00323 (D) 0.0323

61. The copper mines are located in which of the following places ?

(A) Karanpur (B) Khetri

(C) Palamau (D) Ramgiri

62. What will the next term in the given series ?

4, 9, 20, 43, ?

(A) 133 (B) 90

(C) 96 (D) 86

63. Which city is situated on the bank of Alaknanda river ?

(A) Badrinath (B) Kedarnath

(C) Mathura (D) Ayodhya

64. In a function, the ratio of men to the women was 1:2, but after 2 women and 2 men left, the ratio became 1:3. How many people were present at the start of the function ?

(A) 36 (B) 24

(C) 18 (D) 12

65. $5 + 16 \div 8$ is equal to :

(A) 2.625 (B) 7

(C) 8 (D) 10

66. Which city has its geographical nick name as the "City of Weavers" ?

(A) Panipat (B) Ludhiana

(C) Ambala (D) Ferozepur

67. Which city has its geographical nick name as the "Electronic City" ?

(A) Bengaluru (B) Pune

(C) Delhi (D) Jaipur

68. A has sold a building to B at 10% profit and B sold it to C at 10% loss. If C paid ₹980100 for the building, what was the cost of building for A.

(A) ₹900000 (B) ₹970299

(C) ₹980100 (D) ₹990000

69. In the following question, find the one which is different from the other three ?

Respiring, Swimming, Dancing, Playing

(A) Respiring (B) Swimming

(C) Dancing (D) Playing

70. Which is the national bird of India ?

(A) Peacock (B) Pigeon

(C) Parrot (D) Sparrow

71. When was the Halley's Comet last seen ?

(A) 1986 (B) 1996

(C) 2006 (D) 2010

72. A man gets 10% profit by selling a sofa for 19800/-. Find its cost price.

(A) ₹17820 (B) ₹21780

(C) ₹18000 (D) None of these

73. Where is Bhabha Atomic Center located ?

(A) Mumbai (B) Kota

(C) Pune (D) Bengaluru

74. Raigarh Fort is related to which historical personality ?

(A) Rana Pratap (B) Shivaji

(C) Akbar (D) Mohammad Tughlaq

75. Who is known as the "Iron Man of India ?

(A) Sardar Patel (B) Jawaharlal Nehru

(C) Lal Bahadur Shastri (D) Rajiv Gandhi

76. Which is the national currency of Japan ?

(A) Dollar (B) Euro

(C) Riyal (D) Yen

77. Ornithology is the science of _____ .

(A) Birds (B) Aquatic animals

(C) Fossils (D) Silk worms

78. Who is the author of Meghdoot ?

(A) Tulsidas (B) Kalidas

(C) Rashkhan (D) Kabir

79. Which one of the following is the popular dance of Andhra Pradesh ?

(A) Kathak (B) Kathak Kali

(C) Yakshgaan (D) Kuchipudi

80. If the price of 438 oranges is ₹1384.08, then what will be the price of 8 dozen oranges ?

(A) ₹403.36 (B) ₹303.36

(C) ₹400 (D) ₹503.36

81. The greatest 3-digit number which is divided completely by 3, 4, 5 and 8 is _____.

(A) 980
(B) 970
(C) 960
(D) 930

82. When was the first five year plan started in India ?

(A) 1950
(B) 1951
(C) 1952
(D) 1953

83. In which State is 'Kushinagar', the famous religious centre of Buddhists ?

(A) Bihar
(B) Uttar Pradesh
(C) Madhya Pradesh
(D) Odisha

84. A dealer claims that he sells an article on the cost price but uses 900 gram- weight instead of 1 Kg. Find his profit percent ?

(A) 0.9
(B) 9
(C) 10
(D) $11\frac{1}{9}$

85. A man bought a horse for ₹200 and sold it for ₹250. Find his profit percent.

(A) 15
(B) 25
(C) 20
(D) 50

86. Tipu Sultan was the ruler of _____.

(A) Hyderabad
(B) Ahmednagar
(C) Mysore
(D) Ahmedabad

87. In the following groups of alphabets, one is different to the remaining three. Find the odd one ?

(A) ACXY
(B) DFUW
(C) EGTV
(D) BDYZ

88. 5 litre sulphuric acid of 100% purity is mixed in 5 litre of sulphuric acid of 20% purity. What is the strength of acid in the mixture now?

(A) 50%
(B) 52.5%
(C) 57.5%
(D) 60%

89. A man sold $\frac{2}{5}^{th}$ of $\frac{3}{5}^{th}$ part of his property for ₹12000/-. Find the total value of his property.

(A) ₹20000
(B) ₹25000
(C) ₹40000
(D) ₹50000

90. The energy of food is measured in _____

(A) Calorie
(B) Kilogram
(C) Meter
(D) Yard

91. The capital of Vietnam is :

(A) Tokyo
(B) Geneva
(C) Rome
(D) Hanoi

92. Find the missing term :

15, 31, 64, 131, ?

(A) 266
(B) 256
(C) 196
(D) 524

93. Find the next term of the series :

36, 40, 48, 60, 76, ?

(A) 92
(B) 94
(C) 96
(D) 98

94. The population of a town is 10000. If there is an increase in male population by 5% and female by 6%, the population will be 10540. Find the number of females in the Town.

(A) 3000 (B) 3500

(C) 4000 (D) 4500

95. A shopkeeper sold two radios for ₹396 each. He got a profit of 10% on one radio and a loss of 10% on the other. Which is the correct statement in the following ?

(A) No profit, No loss (B) 1% loss

(C) 1% profit (D) 8% profit

96. Which is the capital of Arunachal Pradesh?

(A) Itanagar (B) Dispur

(C) Guwahati (D) Kohima

97. When you eat a tomato, you are eating which part ?

(A) Root (B) Stem

(C) Leaf (D) Fruit

98. Complete the series.

10, 20, 80, 480, 3840, ------

(A) 5840 (B) 38400

(C) 38600 (D) 35600

99. Choose the odd one from given number series ?

6, 13, 22, 33, 46, 60

(A) 13 (B) 60

(C) 33 (D) 46

100. 40% of the students in a college belong to Maharashtra. Of them, 40% belong to Mumbai. What is the number of students who belong to Mumbai ?

(A) 80 (B) 16

(C) 12 (D) 8