**NATIONAL TEACHERS COUNCIL**

**ALL INDIA TALENT SEARCH EXAMINATION**

**MODEL QUESTION PAPER**

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| **AITSE 0410** |

**CLASS IV**

**Duration: 11/2 hours Maximum Marks: 100**

General Instructions to Candidates

 1. This question paper contains **100** multiple choice questions each of **one mark**.

 2. The question paper is divided into two sections **A** and **B**

3. Section **A** is **S**cholastic **A**bility Test(**SAT)**, contains 50 questions. This section covers Science, Mathematics and Social Science.

4. Section **B** is **M**ental **A**bility **T**est **(MAT),** **C**omputer **A**warenessand **G**eneral **K**nowledge**,** contains 50 questions.

5. There will be no negative marks for wrong answer.

6. A separate answer sheet is provided for answering the questions. Each question should be answered by **darkening** the appropriate circle (A, B, C, or D) with a **blue or black ball pen**.

7. **Answer recorded once in the answer sheet cannot be altered**.

8. All rough works should be done only in the space provided for **rough work** in this question paper.

9. Calculator is not permitted in the examination hall.

10. Candidate should write his / her name in the space provided for the purpose.

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| **SECTION A** |

1. An instrument used to measure the temperature of a body

 A) Barometer B) Lactometer

 C) Thermometer D) Voltmeter

2. The gaseous form of water

 A) Ice B) Steam

 C) Snow D) Dew

3. The largest planet of the solar system

 A) Sun B) Jupiter

 C) Saturn D) Earth

4. Select the one which lays egg

 A) Mouse B) Pig

 C) Lizard D) Bat

5. The green plants prepare their food in presence of sunlight. Name the raw materials used by plants

 for this purpose.

 A) Water and Carbon dioxide B) Water and Oxygen

 C) Oxygen and Carbon dioxide D) Water, oxygen and Carbon dioxide

6. Many plants grow in water. Such plants are generally known as

 A) Xerophytes B) Hydrophytes

 C) Bryophytes D) Saprophytes

7. Different birds have different kinds of beaks according to their eating habits.

Which one of the following has Curved Beaks?

 A) Eagle B) Peacock

 C) Woodpecker D) Parrot

8. Which one of the following statement is not true?

 A) An earthquake is a sudden shake due to movements from below the surface of the earth

 B) A period of dry weather without rain fall is called drought

 C) The bursting out of the hot melted rock from deep inside the earth is called land slide

 D) A disease that spread quickly and affects a large number of people is called epidemic

9. The different organ systems of our body carry out different functions. The important function of

 **NERVOUS SYSTEM** is

 A) Make us Nervous B) Help to digest food

 C) Controls all our actions D) Circulate blood to all parts of the body

10. Which one of the following disease doesn’t spread from an infected person to a healthy person?

 A) Typhoid B) Jaundice

 C) Influenza D) Diabetes

11. The decayed bodies of plants and animals in the soil

 A) Humus B) Loam

 C) Nutrient D) Manure

12. Who invented electrical bulb?

 A) James Watt B) Thomas Edison

 C) Albert Eistein D) Marconi

13. The tiny pores under a plant leaf is called

 A) Leaf blade B) Vein

 C) Stomata D) Chlorophyll

14. Which one is not a fruit?

 A) Tomato B) Apple

 C) Orange D) Drumstick

15. The envelop of air around the earth

 A) Hydrosphere B) Atmosphere

 C) Biosphere D) None

16. The organ which remove waste from our blood

 A) Heart B) Lungs

 C) Kidney D) Liver

17. Rainbow consists of

 A) 3 colours B) 5 colours

 C) 7 colours D) 8 colours

18. The diet that gives us the right amount of nutrient is called

 A) Carbohydrate rich food B) Protein rich food

 C) Balanced food D) Balanced diet

19. Which one is not a sense organ?

 A) Mouth B) Nose

 C) Ear D) Eye

20. India’s first artificial satellite

 A) APPLE B) ARYABHATTA

 C) INSAT D) SPUTNIK-1

21. A closed figure is formed by four line segments of equal length. Then it is a

 A) Circle B) Square

 C) Rectangle D) Triangle

22. How many edges the following figure has?

A) 8 B) 10

C) 12 D) 14

23. A right angle is formed by the hands of a clock, Then time is ,

 A) 6 o’ clock B) 12 o’ clock

 C) 3 o’ clock D) 4 o’ clock

24. If represent 8 and represent 12, then,

 + + = ----------------

 A) 14 B) 102

 C) 132 D) 168

25. The time quarter to 12 noon is

 A) 11:45 am B) 11:45 pm

 C) 12:15 pm D) 12:15 am

26. Which one of the following is in ascending order?

 A) 41188, 41028, 42018, 42002 B) 41088, 41028, 42002, 42018

 C) 41008, 41028, 42002, 42018 D) 48118, 41008, 41028, 42002

27. There are 45 students in a class. 2/5 of the students of the class are boys. What is the number

of girls in the class?

 A) 9 B) 27

 C) 18 D) 30

28. Eighteen thousand twelve is written as,

 A) 18012 B) 1812

 C) 18120 D) 10812

29. 1 cm = -------------- metre.

 A) 100 B) 10

 C) 0.1 D) 0.01

30. A village has 4072 men, 3988 women and 4162 children. What is the population of the village?

 A) 10222 B) 12222

 C) 12002 D) 12202

31. A school has 20 divisions and each division has 46 students. The total students in the school is,

 A) 960 B) 460

 C) 920 D) 912

32. Jyotsna has Rs. 9500 in her bank account. She withdraws Rs. 1289 on Monday and Rs. 1711 on Wednesday. What is her balance in the account?

 A) 6500 B) 7500

 C) 8211 D) 7789

33. 60000 + 700 + 40 + 6 can be written as:

 A) 6746 B) 60746

 C) 67046 D) 607406

34. The difference between smallest 5 digit number and largest 5 digit number is;

 A) 1 B) 1001

 C) 901 D) 9001

35. The sum of ½, ½ and ¼ is

 A) 3/6  B) 11/4

 C) 3/4 D) 3/8

36. 12 rupees = ---------------------- paise

 A) 120 B) 1200

 C) 12 D) 600

37. The place value of 2 in 68724.

 A) 100 B) 200

 C) 20 D) 2000

38. 12 X 18 = (6 + 6) X -------------

 A) 6 B) 12

 C) 18 D) 24

39. 100 X 0 = ------------------

 A) 100 B) 1000

 C) 1 D) 0

40. Rani has a cloth of length 4 m 20 cm. She divided it into 3 equal parts. What is the length of each part?

 A) 1 m 40 cm B) 1 m 6 cm

 C) 1 m 20 cm D) 1 m 50 cm

41. What is the total number of states in India?

 A) 26. B) 27

 C) 28 D) 25

42. India is situated in which continent?

 A) Asia B) Africa

 C) Europe D) None of these

43. Kangaroo is found in:

 A) Australia B) New Zealand

 C) Africa D) India

44. The national animal of India

 A) Lion B) Tiger

 C) Elephant D) Cow

45. The oldest Veda is:

 A) Rig Veda B) Yajur Veda

 C) Adarva Veda D) Sama Veda

46. The colours of National flag from top are in the order of:

 A) Saffron, White and Green B) Saffron, Green and Whiter

 C) Red, White Green D) Green White and Saffron

47. Prime Minister elected for once in every:

 A) 5Years B) 4Years

 B) 6 Years D) 3 Years

48. T he Highest peak in the world

 A) Himalaya B) Kilimanjaro

 C) Everest D) Mount K2

59. Onam festival is celebrated in:

 A) Tamil Nadu B) Karnataka

 C) Kerala D) Orissa

50. Taj Mahal is built by:

 A) Shajahan B) Aurangazeb

 D) Babur D) Humayun

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| **SECTION B** |

51. Aneesh walks 10m towards west and then turns right and walks. In which direction is he walking?

 A) North B) South

 C) East D) West

52. Sreeya Scored more marks than Julie and Julie scored more than Deepak in a class test. Who scored highest marks?

 A) Deepak B) Julie

 C) Sreeya D) Both Sreeya and Julie

53. 8888 + 8888 + 8888 + 8888 = --------- X 8888

 A) 0 B) 2

 C) 4 D) 8888

54. If the day before yesterday is two days after Wednesday. What is today?

 A) Saturday B) Sunday

 C) Friday D) Tuesday

55. When a number passes through a pipe a different number comes out. If 2 goes in 4 comes out, if 3 goes in 9 comes out. If 4 goes in 16 comes out. If 6 goes in, which number comes out?

A) 24 B) 30

 C) 36 D) 25

**DIRECTION:** - (QNo.56 & 57):**-** Odd one out.

56. A) 8 B) 16 C) 48 D) 54

57. A) Kiwi B) Ostrich C) Eagle D) Penguin

58. Rinku made a series as given below:-

 **8, 16, 32, 64, 128, \_\_ \_\_ \_\_.**

 Which one of the following rules he followed?

 A) Add 8 B) Add 16

 C) Multiply by 2 D) Multiply by 3

59. If **x = 3 + 7** and **y = 156 – 48** Then x + y = \_\_

 A) 108 B) 118

 C) 98 D) 10

60. If ‘**a**’ means +, ‘**b**’ means X and ‘**c**’ means –, then

**60 a 4 b 20 c =\_\_**

 A) 120 B) 1260

 C) 0 D) 8

61. Rinku has Rs. 100 in his pocket, having denominations Rs.50, Rs.20 and Rs.10. The number of

 notes in his pocket is 4. what is the number of 20 rupes note?

 A) 1 B) 2

 C) 3 D) Nil

**DIRECTION:** - (QNo.62 & 65):**-** Complete the pattern by choosing correct answer from the alternative given.

62. **YZ, UV, QR, MN \_\_**

 A) KL B) IJ

 C) OP D) HI

63. **A, C, F, J, O, \_\_**

 A) Q B) S

 C) U D) V

64. **3, 6, 9, 12, \_\_, 18**

 A) 15 B) 14

 C) 17 D) 13

65. **1, 22, 333, 4444, \_\_\_, 666666**

 A) 555 B) 5555

 C) 55555 D) 555555

**DIRECTIONS** (Q. NO. 66 to 68) Complete the series:

**?**

66

 A B C D

67.

**?**

 A B C D

68.

**?**

 A B C D

**DIRECTIONS** (Q. No. 69 to 76) Three of the following four are alike in certain way and so form a group. Which is the one that does not belong to that group?

69. A) Haryana B) Punjab C) Sikkim D) Bombay

70. A) Diwali B) Holi C) Pongal D) Holidy

71. A) Telugu B) Hindi C) Marathi D) English

72. A) Indian Railway B) B S N L C) ISRO D) Air Tel

73. A) China B) Bangladesh C) Pakistan D) Japan

74

 A B C D

75

 A B C D

76.

 A B C D

**DIRECTIONS** (Q. No. 77 & 78) Hari has a banner which includes the following alphabets

C F R A E I M S H U K D N

With the help of above letters he made the names of the following countries, but he made one mistakes in each group. Your task is to find the name of the countries which he made by using alphabets other than mentioned in the banner.

77. A) India B) China C) France D) Spain

78. A) Ukraine B) Chile C) Canada D) Iran

79. Which is the largest continent in the world?

 A) Asia B) Africa

 C) North America D) Australia

80. Which is the highest populated state in India?

 A) Uttar Pradesh B) Madhya Pradesh

 C) Maharashtra D) Karnataka

81. Who composed National Song of our country?

 A) Rabindra Nath Tagore B) Bankim Chandra Chattarjee

 C) Mohammad Iqbal D) G. Sankara Kurup

82. Which is the National Bird of India?

A) Peacock B) Eagle

C) Hornbill D) None of these

83. India’s famous space centre was situates in Trivandrum (Kerala).

This space centre is in the name of:

 A) Aryabhatta B)Kasthuri Rangan

 C) Vikram Sarabai D) A. P J Abdul Kalam

84. How many players are required in a Volleyball team?

 A) 6 B) 7

 C) 8 D) 9

85. The record of maximum number of centuries in Test Cricket is in the name of

 A) Kapil Dev B) Sachin Tendulkar

 C) Brayan Lara D) Sunil Gavaskar

86. Viswanathan Anand is a famous:

 A) Chess Player B) Football player

 C) Political leader D) Social reformer

87. The chairman of National Olympic Committee.

 A) K. P S Gill B) Suresh Kalmadi

 C) Lalit Modi D) Milkha Singh

88. ***“Oh Yaaro, India bula liya……..”*** This famous song is related to

 A) National games of India B) Commonwealth games

 C) Champions League D) 20 – 20 Cricket

89. If you want to type a leave letter in your computer you will choose:-

 A) M. S Word B) M S Excel

 C) M S PowerPoint D) Page maker

90. Keyboard is a

 A) Input device B) Out Put device

 C) Processing Unit D) None of these

91. Monitor is a

A) Input device B) Out Put device

 C) Processing Unit D) None of these

92. Tipu Sultan was the ruler of:

 A) Mysore B) Hydarabad

 C) Kashmir D) Central India

93. The largest ocean in the world

 A) Pacific B) Atlantic

 C) Indian Ocean D) Arctic

94. The capital of China

 A) Kabul B) Santiago

 C) Beijing D) Ottawa

95. Which is the oldest religion in the world?

 A) Hindu B) Jainism

 C) Taoism D) Rastafarianism

96. The United Nations agency mainly working for the development of children.

 A) UNESCO B) ILO

 C) WTO D) UNICEF

97. Which amongst the following is not a neighbor to India?

 A) Pakistan B) Sri Lanka

 C) Myanmar D) Singapore

98. According to our constitution the official language of India is:

 A) English B) Hindi

 D) Bengali D) Kannada

99. The longest National Highway in India

 A) NH 1 B) NH 2

 C) NH 7 D) NH 17

100. Every year Teachers Day is celebrated on:

 A) 6th September B) 7th September

 C) 10th September D) 5th September