Indian School Talent Search Exam (ISTSE)
Sample Paper (Paper Based Exam) – Class 4

Total Questions: 35, Total Marks: 100

Instructions:

1. Duration of the test is 60 minutes.
2. Total marks are 100.
3. Questions paper contains 35 Questions.
4. The question numbers
   - 1 to 6 belong to "Mental and Logical Ability"
   - 7 to 14 belong to Mathematics
   - 15 to 22 belong to Science
   - 23 to 30 belong to English and
   - 31 to 35 are "Scholars Section"
5. Each question carries negative marking.
6. Please leave the question in case you are not sure about answer.
7. Un- attempted questions do not attract negative marking.
8. Answers are to be given on a separate OMR sheet.
9. Rough work can be done anywhere in the booklet but not on the OMR sheet/loose paper.
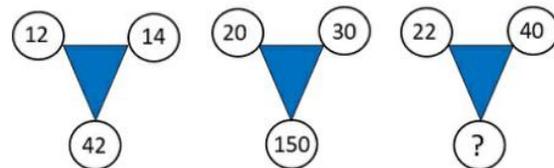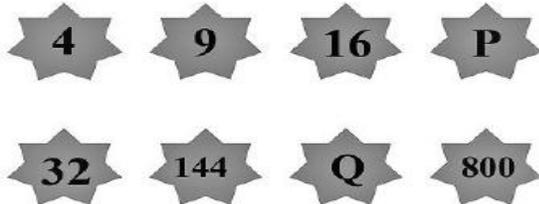

Section-1, Mental and Logical Ability
(2 marks for correct answer. 0.50 mark will be deducted for wrong answer)

1. If the given matrix follows a certain rule row-wise or column-wise, then find the missing character.

61	12	14
5	70	28
305	840	?

   a) 112
   b) 915
   c) 392
   d) 491

2. Identify the missing number in the following.

   a) 150
   b) 220
   c) 175
   d) 160

3. Study the pattern carefully and find the values of P and Q respectively.

   a) 3 and 200
   b) 5 and 400
   c) 8 and 650
   d) 25 and 384

4. A is standing North to B and B is standing East to C. In which direction will A come to meet C?

   a) South – West
   b) North – East
   c) North – West
   d) South – East

5. Which letter in the word DESTINATION occupies the same position as it does in the English alphabets?

   a) T
   b) E
   c) O
   d) I

6. Ansh and Vishal like to ear burger. Vishal and Tarun like to eat chowmein. Ansh and Tarun like to eat chicken. If chicken and burger are served -
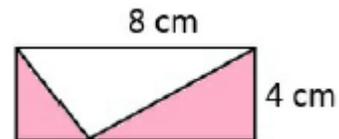
Question: - Which boy will be the most delighted?

   a) Vishal
   b) Tarun
   c) Ansh
   d) None of these

Section-2, Mathematics
(3 marks for correct answer. 0.75 mark will be deducted for wrong answer)

7. The rectangle shown has side lengths of 8 cm and 4 cm.

Question: - What is the area of the shaded region?

   a) 32 sq cm
   b) 12 sq cm
   c) 16 sq cm
   d) 64 sq cm

8. Priyanka collected 544 beads, Keerthana collected 81 more beads than Rohini. If Priyanka collected 150 fewer beads than Rohini,

Question: - How many beads did the three girls collect altogether?

   a) 2130
   b) 2000
   c) 2013
   d) 2031

9. A square has 4 corners. How many corners does the shape given have?

   a) 13
   b) 12
   c) 10
   d) 6

10. Mohan has a 5-digit number in his mind. The digit '3' is in the tens place and the thousands place. The digit in the ones place is thrice the digit in the tens place. The digit '7' has a value of 700 and the digit '2' stands for twenty thousand.

Question: - What is the number that Mohan has in mind?

   a) 23679
   b) 27639
   c) 23739
   d) 93276

11. Tanu thought of a number GREATER than 9 and less than 100. The digit in the ones place is 2 more than the digit at tens place. Which of these COULD be the digit in the ONES PLACE of Tanu's number?

   a) 3
   b) 0
   c) 2
   d) 1

12. Bhavna earns Rs.2550 in a month. Every month, she spends Rs.1875 and saves the rest. How much will she save in 3 years?
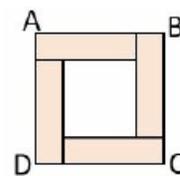
   a) Rs. 24300
   b) Rs. 25600
   c) Rs. 16200
   d) Rs. 32400

13. If 1000 g of oranges costs Rs.100 and 500 g of apples costs Rs.70, then what is the cost of 2 kg of apples and 3 kg of oranges?

   a) Rs. 410
   b) Rs. 440
   c) Rs. 580
   d) Rs. 620

14. Square ABCD is formed by four identical rectangles and a square in the center. The side of the square ABCD is 11 cm and the side of the small square in the center 7 cm.

Question: - What is the length of rectangle?

   a) 12 cm
   b) 9 cm
   c) 11 cm
   d) 7 cm

Section-3, Science

(3 marks for correct answer. 0.75 mark will be deducted for wrong answer)

15. Reproduction is one of the most important characteristic features of animals. Select the option that best describes the ways of reproduction animals.

   a) Bird: lay eggs, mammals: give birth to young ones and reptiles: give birth to young ones.
   b) Bird: lay eggs, mammals: give birth to young ones and lay eggs and reptiles: lay eggs.
   c) Bird: lay eggs and give birth to young ones, mammals: give birth to young ones and lay eggs, reptiles: lay eggs.
   d) Bird: give birth to young ones, mammals: lay eggs and reptiles: lay eggs.

16. A platypus lays eggs but a dog gives birth to its young one, A bat can fly but a rabbit cannot do so. However, these four animals as mammals.

   Question: - Which of the following give reasons in support of above statement?

   I. They feed their young ones with milk.
   II. They have an outer covering of hair.
   III. They have four limbs.
   IV. They need air, water and food to stay alive.

   a) II and IV
   b) I and II
   c) III and IV
   d) I and III

17. Mr Robinson's class is planning to make some chocolate biscuits.
   Which of the following is a scientific question that could be invested while making chocolate biscuits?

   a) How much does it cost to make chocolate biscuits?
   b) Which type of biscuits does the class prefer?
   c) Do chocolate biscuits taste nice?
   d) Do chocolate biscuits need baking powder to rise?

18. When a seed is in a resting state, it is _____.

   a) Sprouting
   b) A spore
   c) Dormant
   d) Growing

19. What do kidneys do?

   a) Swallow
   b) Clean the blood
   c) Digest
   d) None of these

20. Non-green plants are also known as:

   a) Aquatic plants
   b) Saprophyte plants
   c) Terrestrial plants
   d) All of these

21. _____ helps the body to dissolve, digest and absorb.

   a) Water
   b) Vitamins
   c) Fats
   d) Minerals

22. The blood carries by the arteries from the heart to the various parts of the body is rich in _____.

    a) Carbon dioxide
    b) Waste matter
    c) Oxygen
    d) None of these

Section-4, English
(2.5 marks for correct answer. 0.50 mark will be deducted for wrong answer)

23. Fill in the blank with the correct word.
    Neither of these houses _____ new.

    a) Is
    b) Will be
    c) Are
    d) Have been

24. Fill in the blank with the correct option.
    A _____ of ants.

    a) Group
    b) Litter
    c) School
    d) Colony

25. Select option correctly showing the type of adverb underlined in given sentence.

    Ali eats his dinner <u>very</u> often here.

    a) Adverb of manner
    b) Adverb of time
    c) Adverb of frequency
    d) Adverb of degree

26. Select the correct option to answer the question.

    Which of the following is a synonym of 'robust'?

    a) Break – open
    b) Fight
    c) Sturdy
    d) Break – into

27. Choose the correct option to fill in the blank.
    You are collecting stamps, _____?

    a) Are you
    b) Aren't you
    c) You
    d) Don't you

28. Select the correct option to fill the blank.
    _____ broken and so _____ not useful any more.

    a) Its, it's
    b) It's, it's
    c) Its, its
    d) It's, its

29. Choose the word with the correct spelling.

    a) DISEAGE
    b) DICEASE
    c) DESEASE
    d) DECEASE

30. Select the correct option to answer the question.
    Which of the following is 'an adjective'?
    A) Rarely
    B) Earthly
    C) Logically
    D) Slowly
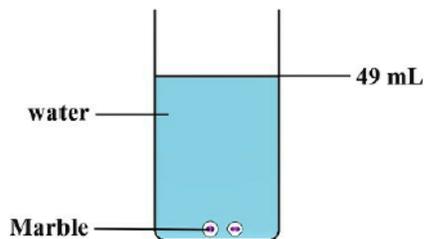
Section-5, Scholars Section
(4 marks for correct answer. 1.50 mark will be deducted for wrong answer)

31. Joel had a measuring cylinder with some water in it. He added two identical marbles and the water level rose to 49 mL. Joel then added a third identical marble and the water level rose to 51 mL.

    Question: - How much water did the cylinder contain just before Joel added the marbles?

    a) 49 mL
    b) 47 mL
    c) 43 mL
    d) 45 mL

32. This plant has the largest flower, but it cannot make its food. This plant is known by the name of

    a) Chrysanthemum
    b) Pitcher plant
    c) Rafflesia
    d) Venus fly trap

33. How many triangles are there in this shape?

    a) 9
    b) 10
    c) 5
    d) 4

34. The ages (in years) of four friends are 18, 33, 43 and 25. Murali's age is the sum of Usha's and Kiran's. Uma is one of the four friends whose age is given in the above list.

    Question: - What is Uma's age?

    a) 43 years
    b) 18 years
    c) 33 years
    d) 25 years

35. Khalid wanted to find out which of the laundry liquids he had was better for removing cooking oil stains. He carried out the following.

    a. He dipped a large piece of cloth into cooking oil and then cut the oil-stained cloth into four equal pieces.
    b. He mixed each laundry liquid with warm water.
    c. He used each mixture to scrub a piece of oil-stained cloth.

Question: - What conditions should Khalid keep the same to have a fair test?

a) water temperature, amount of laundry liquid, scrubbing time

b) water temperature, amount of laundry liquid, type of laundry liquid

c) amount of laundry liquid, scrubbing time, amount of stain left

d) type of laundry liquid, type of oil, amount of stain left

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Total Questions: 35, Total Marks: 100

Answer Key									
1 - C	2- B	3 - D	4 - A	5 - D	6 - C	7 - C	8 - C	9 - C	10 - C
11 - A	12 - A	13 - C	14 - B	15 - B	16 - B	17 - D	18 - C	19 - B	20 - B
21 - A	22 - C	23 - A	24 - D	25 - D	26 - C	27 - B	28 - B	29 - D	30 - B
31 - D	32 - C	33 - A	34 - C	35 - A					