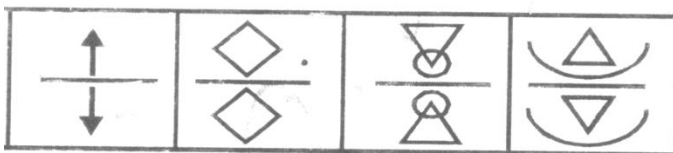## Class – 5th

SAMPLE PAPER

SECTION – A (REASONING)

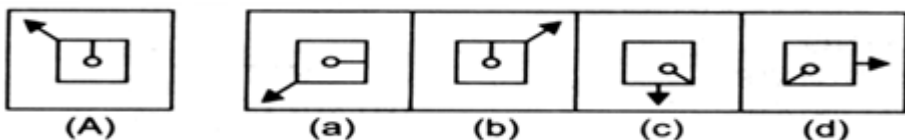Direction for Question 1 & 2: Find the odd one out

1. (a) Volume (b) Size (c) Large (d) Shape

2. (a) 4 (b) 6 (c) 8 (d) 9

3. B, E, H, K, N, …?....

    (a) P (b) O (c) Q (d) R

4. Arrange the following words in the order as they come in dictionary and find the word that comes first

    (a) Threw (b) Thrive (c) Through (d) Thrill

5. 4, 7, 11, 16, …?…

    (a) 22 (b) 27 (c) 84 (d) 102

6. Ravi is eighteenth from left and nineteenth from right in a row. How many students are there in the row?

    (a) 36 (b) 37 (c) 35 (d) 38

7. A man starts walking in the morning facing the Sun After sometimes, he turned to his left. Later he again turned to his left. The direction in which the man is moving now is

    (a) South (b) North (c) East (d) West
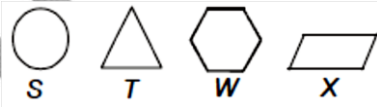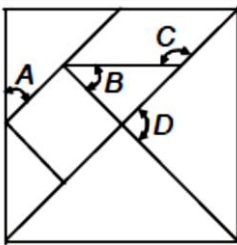
8. Find the odd one

      (a)   (b)   (c)   (d)

9. In the following questions, choose the correct mirror image from alternatives (a), (b), (c), (d) of the figure (A)

10. If K means ÷ , L means -, M means x, N means +, then what is the value of 18 N 3 M 4 L 36 K 9?

    (a) 23 (b) 24 (c) 25 (d) 26

SECTION – B (MATHEMATICS)

11. In a chocolate factory there are 3 machines. The first machine produces 82 chocolates per day, the second machine produces 81 chocolates per day and the third machine produces 42 chocolates per day. How many chocolates were produced in February 2000?

     (a)   5943   (b)   5946   (c)   5945   (d)   5948

12. For long distance telephone calls, a telephone company charges 30 paisa per minute or 1 paisa for two seconds. What would be the cost of a call for 3 minutes and 20 seconds?

     (a)   Rs.1.00   (b)   Rs.1.20   (c)   Rs.1.25   (d)   Rs.1.30

13. Using the digits 0, 1, 2, 3 make the least four digit number and represent the number with the help of a Roman numeral. Digit should not be repeated.

     (a)   MXXIII   (b)   MCXII   (c)   CMXXIII   (d)   MMMCCX

14. Harry had 500 coins in a jar. He stored the coins into 25 different stack. Each stack had the same number of coins. How many coins were in each stack?

     (a)   20   (b)   45   (c)   45   (d)   12

15. Which figure is quadrilateral?

     (a)   Figure T   (b)   Figure S

     (c)   Figure X   (d)   Figure W

16. Which of these could be solved by using the open sentences S – 7 = ?

     (a)   Rita collected 7 more seashells than Henry. If S is the number of seashells that Henry collected. How many did Rita collect?

     (b)   Bony collected 7 fewer seashells than Kamal. If S is the number of seashells Kamal collected, how many did Bony collect?

     (c)   David needs 7 seashells more to complete his collection. If S is the number of seashells he has so far, how many will he have after he gets 7 more?

     (d)   Amit filled 7 boxes with seashells. If S is the number of seashells she put in each box, how many seashells did she use in all?

17. A tangram is an ancient Chinese puzzle. It is made of seven pieces that fit together to make a square.

Which of the angles marked in the tangram puzzle given is an obtuse angle ?

     (a)   Angle A   (b)   Angle B

     (c)   Angle C   (d)   Angle D
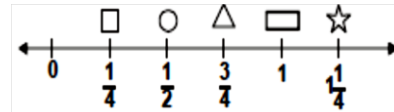
18. What should be the number in the START box?

    $\boxed{\text{Start}} \rightarrow \div 25 \rightarrow -18 = 63$

    (a)   2025   (b)   640   (c)   1120   (d)   207360

19. Look at the number line. Between which shapes is $\frac{4}{5}$ lying

    (A) Between ☐ and ◯   (B) Between ◯ and △

    (C) Between △ and ▭   (D) Between ▭ and ☆

20. How many of the following numbers are multiples of both 9 and 12?

    18 , 27 , 60 , 72 , 96 , 144

    (a)   1   (b)   2   (c)   3   (d)   4

21. Fill the correct symbol in the box.

    $5760 \div 24 \quad \boxed{} \quad 1{,}892 + 898$

    (a)   >   (b)   <   (c)   =   (d) $\geq$

22. What is the missing value in the given expression?

    $58{,}394 - 86 - 86 = \ldots\ldots \times 86$

    (a)   677   (b)   678   (c)   680   (d)   681

23. A car can travel 400 km on 40 liters of petrol. How far can the car travel if it has 50 liters of petrol in its petrol tank?

    (a)   360 km   (b)   189 km   (c)   525 km   (d)   500 km

24. The sound of an aero plane taking off is about 3.2 times louder than a person shouting. What is the decibel level of an aero plane taking off, if the decibel level of a person shouting is 68.4 ?

    (a)   141.8   (b)   220   (c)   200   (d)   218.8

25. Abhilasha made cake for a party. She put the cake into the oven at half past four and took it out thirty minutes later. What time was it when Abhilasha took out the cake?

    (a)   Five past eight   (b)   Five o' clock   (c)   Five to five   (d)   Five past four

SECTION – C (SCIENCE)

26. Though a ship is heavier than iron ball, it floats on water and iron ball sinks. Why does this happen?

    (a)   Iron ball is round and ship is flat.

    (b)   Iron ball is small ad ship is large.

    (c)   The weight of ship is the same as that of the water is displaces.

    (d)   Ship has to save the life of many people.

27. The human skin is able to detect

    (a)   Only heat and cold.   (b)   Only roughness of a surface.

    (c)   Only pain.   (d)   All of these

28. Water and wind can break rock into small pieces. What happens to these small pieces when they break away?

    (a)   Plants use them to get energy.   (b)   They become part of the soil.

    (c)   They become food for animals.   (d)   They turn into earthworms.

29. A block of wood and block of steel of the same size are placed in basin of water. The wood floats, while the steel block sinks immediately. Which of these causes a block wood to float on water?

    (a)   Gravitational Force   (b)   Buoyant force

    (c)   Chemical force   (d)   Frictional force

30. What are the names of the three body parts found in insects from the front to the back?

    (a)   Antenna, head, abdomen   (b)   Head, thorax, abdomen

    (c)   Antenna, head, legs   (d)   Head, abdomen, thorax

31. Which one of the following is an alloy?

    (a)   Gold   (b)   Iron   (c)   Copper   (d)   Stainless steel

32. I protect the heart and the lungs. I have curved bones which are useful firmly together. What am I?

    (a)   Skull   (b)   Ribcage   (c)   Spine   (d)   Sternum

33. To which class of lever does the fishing rod belong to

    (a)   Class (i) lever   (b)   Class (ii) lever   (c)   Class (iii) lever   (d)   Inclined plane

34. Which of the following actions involve a consumer and producer in a food chain?

    (a)   A frog feeding on an insect   (b)   A rabbit eating a carrot

    (c)   A boy consuming milk   (d)   A cat feeding on a mouse

35.   In the water cycle, condensation is the process of

        (a)   Water vapour cooling down and turning into a liquid.

        (b)   Ice warming up and turning into a liquid.

        (c)   Liquid cooling down and turning into ice.

        (d)   Liquid warming up and turning into water vapour.

36.   Which one of the following systems is responsible for transporting nutrients in whole part of the body?

        (a)   Nervous system (b)   Circulatory system   (c)   Muscular system   (d)   All of these

37.   Which of these is a process that allows plants to convert light energy into food energy?
        (a)   Photosynthesis (b)   Excretion   (c)   Reproduction   (d)   Digestion

38.   Today, which human activity is responsible for endangering the greatest number of land animal species?
        (a)   Accidental starting of forest fires   (b)   Cutting wildflowers in national parks
        (c)   Destruction of habitats   (d)   Hunting for food and sport

39.   Which of these probably causes the most air pollution?
        (a)   Cars   (b)   Wind   (c)   Rain   (d)   Trees

40.   People in very cold places live in
        (a)   Stilt house   (b)   Wooden house (c)   Igloo   (d)   House of mud

ANSWER KEY

1.	C	2.	D	3.	C	4.	A	5.	A
6.	A	7.	D	8.	D	9.	B	10.	D
11.	C	12.	A	13.	A	14.	A	15.	C
16.	B	17.	C	18.	A	19.	C	20.	B
21.	B	22.	A	23.	D	24.	D	25.	B
26.	C	27.	D	28.	B	29.	B	30.	B
31.	D	32.	B	33.	C	34.	B	35.	A
36.	B	37.	A	38.	C	39.	A	40.	C