

Classes/ Section	Total Number of Questions	Duration	Total Marks	Marking
For classes 1 to 5 Two Section	40	1 Hour	200	No Negative Marking
<b>Section 1 : Science</b>	20	30 Mins	100	No Negative Marking
<b>Section 2 : Maths</b>	20	30 Mins	100	No Negative Marking

**SYLLABUS**

**Class 5<sup>th</sup>**

**Section I Science :** Animals, Human Body and Health, Plants, Natural Resources and Indian Heritage, Pollution and Calamities, Earth and Universe, Matter and Materials, Force and Energy.

**Section II Maths :** Numerals, Number Names and Number Sense (7 and 8 digit numbers), Computation Operations, Fractions and Decimals, Measurement of Length, Weight, Capacity, Time, Temperature and Money, Conversions, Geometrical Shapes and Solids, Angles, Perimeter of Various Shapes & Area of Rectangle and Square, Symmetry, Data Handling.

**Section 1 : Science**

1. Which of the following are included in first class levers?



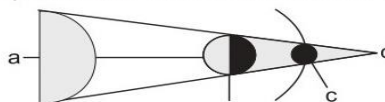
(A) 1, 2 and 4 only

(B) 1 and 2 only

(C) 3 and 4 only

(D) 1, 3 and 4 only

2. Look at the figure. It shows lunar eclipse. Where will be the Earth in it ?



(A) a

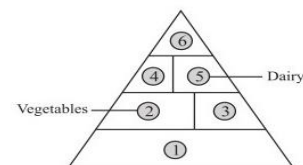
(B) b

(C) c

(D) d

3. Identify 1, 3, 4 and 6 in the given pyramid and select the correct option.

- |              |          |          |                 |
|--------------|----------|----------|-----------------|
| 1            | 3        | 4        | 6               |
| (A) Fruits   | Grains   | Proteins | Sweets and fats |
| (B) Grains   | Fruits   | Proteins | Sweets and fats |
| (C) Proteins | Fruits   | Grains   | Sweets and fats |
| (D) Fruits   | Proteins | Fats     | Grains          |



4. If your diet is deficient in citrus fruits then you are supposed to suffer from

(A) Rickets

(B) Beri Beri

(C) Scurvy

(D) Night blindness.

5. \_\_\_\_\_ is a good conductor of electricity.

(A) Metal

(B) Rubber

(C) Plastic

(D) All of these

6. The Gateway of India is located in \_\_\_\_\_

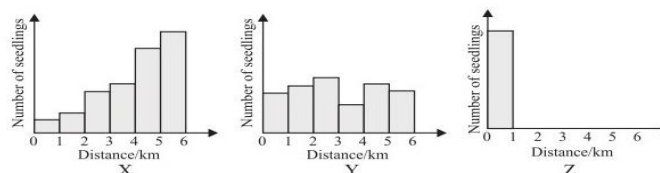
(A) Mumbai

(B) New Delhi

(C) Jaipur

(D) Patna

7. Three different types of plants X, Y and Z, were selected by scientists who want to document their methods of seed dispersal. The graphs below show the approximate number of seedlings found at various distances around the parent plant.



Which option most correctly lists the methods of seed dispersal of each plant?

- |               |                  |           |
|---------------|------------------|-----------|
| X             | Y                | Z         |
| (A) Water     | Explosive action | Animal    |
| (B) Wind      | Animal           | Water     |
| (C) Wind      | Animal           | Explosion |
| (D) Explosion | Water            | Animal    |

## Section 2 : Maths

8. If the following numbers are arranged in the descending order, then what will be the middle digit of the number which will be exactly in the middle?

317, 493, 283, 269, 875, 423, 725

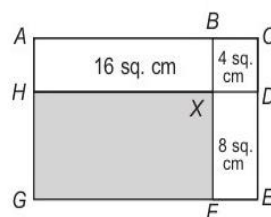
- (A) 2 (B) 3 (C) 6 (D) 7

9. Mohit travels 12 km west, then 3 km towards south and then 12 km towards east. How far is he from the starting point?

- (A) 3 km (B) 20 km (C) 15 km (D) 5 km

10. Rectangle  $ACEG$  below is divided into 4 parts.  $BCDX$  is square. What is the area of the shaded part?

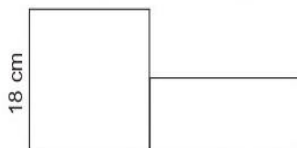
- (A) 28 sq. cm  
(B) 32 sq. cm  
(C) 48 sq. cm  
(D) 64 sq. cm



11. Which of the following is greatest?

- (A)  $XLIII + XLIV$  (B)  $LXXIX - XXXIX$   
(C)  $XCIX - LXVIII$  (D)  $LVII + XL$

12. The given figure is made up of a square and a rectangle. The breadth of the rectangle is  $\left(\frac{1}{3}\right)^{\text{rd}}$  the length of the edge of the square. If the area of the whole figure is 384 sq. cm, then find the length of the rectangle.



- (A) 12 cm (B) 8 cm (C) 10 cm (D) 9 cm

13. Monu is thinking of a four digit number having all different digits.

- The units place digit is the greatest one-digit number.
- When the tens place digit is divided by the thousands place digit, the quotient is 2.
- The difference between the tens and hundreds place digit is 1.
- The thousands place digit is double of 2.

- (A) 3768 (B) 4789 (C) 5698 (D) 1239

14. Mr Gupta bought a house for ₹ 1672000. He spent ₹ 12582 on the furniture and ₹ 8540 on buying the curtains. Then he spent another ₹ 5675 for preparing the front lawn of the house. How much money did he spend altogether?

- (A) ₹ 1678997 (B) ₹ 1698797 (C) ₹ 1498567 (D) ₹ 1512998

15. Mini took 35 minutes to complete her homework. She finished her homework at 12:05 p.m. What time did she start doing her homework?

- (A) 11:30 p.m. (B) 11:30 a.m. (C) 12:40 a.m. (D) 12:40 p.m.