

Blury  
05/01/26

**BHARTIYA SHIKSHA BOARD**  
**MODEL PAPER – TERM II**  
**MATHEMATICS – CLASS VII**  
**SESSION-2025-26**

**Time: 1 Hour**

**Max Marks: 20**

**GENERAL INSTRUCTIONS:**

- Read the questions carefully.
- 10 minutes extra time is allowed to read this question paper. During this time, students will read the question paper only and not write the answer.
- This question paper comprises of three section **A**, **B** and **C**. All questions are compulsory.

**Section A:** Q.no.1, carry 5 marks.

**Section B:** Q.no. 2 to 6, carry 1 mark each.

**Section C:** Q.no. 7 to 11, carry 2 marks each.

**Section A**

**Q.1. Choose the correct answer:**

- Which ancient Sanskrit term corresponding to the Diameter of a circle?  
(a) Parinaah    (b) Madhya    (c) Pradhi    (d) Vishkambha
- The money borrowed from any source is called:  
(a) principal    (b) interest    (c) compound interest    (d) none of these
- Which two systems of numbers representation had become fairly popular by the 6<sup>th</sup> century CE.  
(a) Brahmi and Devanagari system  
(b) Bhuta-sankhya system and Katapayadi system  
(c) Romal numeral and Greek alphabets  
(d) Decimal and binary system
- \_\_\_\_\_ is the observation that appears the maximum number of times.  
(a) median    (b) mode    (c) mean    (d) none of these
- Isometric sketches are drawn by using \_\_\_\_\_?  
(a) graph sheet    (b) plane sheet    (d) isometric sheet    (d) none of these

## Section B

**Q.2.** Find the circumference of a circle whose radius is 35 cm. (Use  $\pi = 22/7$ )

**Q.3.** 10% of a quantity is 18. Find the quantity.

**Q.4.** Fill in the blanks:

- (a) Number of lines of symmetry of an isosceles triangle is \_\_\_\_.
- (b) A square has \_\_\_\_ line of symmetry .

**Q.5.** Construct an angle of  $30^\circ$  using a pair of compasses.

**Q.6.** Find the mean of first five even numbers.

## Section C

**Q.7.** Amit bought a smart TV for ₹85000. After using it for 2 years. He sold it for ₹68000. Find his loss percentage.

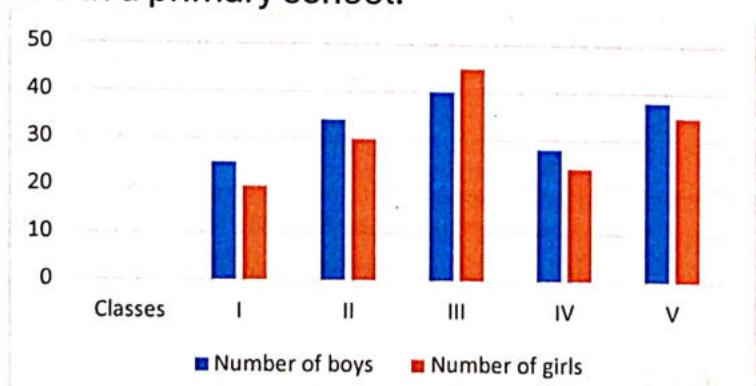
**Q.8.** Find the shape obtained in the horizontal cross-section of the following solids.

- (a) cuboid
- (b) cone

**Q.9.** The diameter of two circular discs are in the ratio 3:5. Find the ratio of their areas.

**Q.10.** Find the simple interest on ₹1500 at 15% per annum for 9 months.

**Q.11.** The following data shows the number of boys and girls in the classes I to V in a primary school.



(a) Which class has the least number of boys?

(b) In which class is the number of girls more than the number of boys?