

Blamy
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:

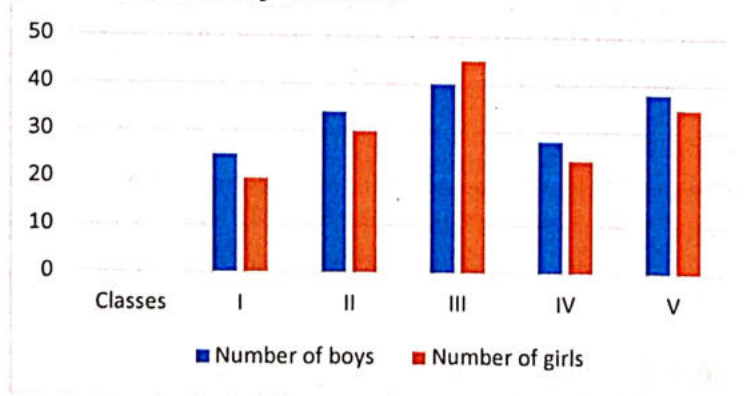
- Which ancient Sanskrit term corresponding to the Diameter of a circle?
(a) Parinaah (b) Madhya (c) Pradhi (d) Vishkambha
- The money borrowed from any source is called:
(a) principal (b) interest (c) compound interest (d) none of these
- Which two systems of numbers representation had become fairly popular by the 6th 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 (c) 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° 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?