

O. P. JINDAL SCHOOL, SAVITRI NAGAR**Periodic Test-III(Round – I) 2025 – 2026**

Class: VIII

MM: 20

Subject: Mathematics

Time: 1Hr

General Instructions:

1. All questions are compulsory.
2. The question paper consists of 13 questions divided in three sections A, B and C.
3. Section A contains 8 questions of 1 mark each. Section B contains 3 questions of 2 marks each. Section C contains 2 questions of 3 marks each.
4. There is no overall choice. However an internal choice has been provided. You have to attempt only one of the alternatives in all questions.
5. Use of calculator is not permitted.

Section A**Choose the correct answer:**

- Q1.** Find the percentage of 20 marks out of 200 marks.
- a) 20% b) 10% c) 15% d) none of these
- Q2.** What will be the simple interest on ₹5000 at the rate of 5% per annum for 5 years?
- a) ₹500 b) ₹1000 c) ₹1250 d) ₹250
- Q3.** Find the volume of a cube whose dimensions are: (mnp, np, mn)
- a) mnp b) mn^2p^2 c) m^2np^2 d) $m^2n^3p^2$
- Q4.** In a class, ratio of number of girls to total strength is 3 : 10. If total number of students in class is 40, find number of boys.
- a) 28 b) 12 c) 37 d) 30
- Q5.** What is 25% of a day?
- a) 20 hr b) 4 hr c) 6hr d) 8 hr
- Q6.** The price of a VCR is ₹5400 including 8% VAT. What is its price before VAT added?
- a) ₹ 5392 b) ₹ 5000 c) ₹ 6000 d) none of these
- Q7.** Find addition of: $2x + 5$, $3 - 7x$, $-4x + 1$
- a) $-9x + 9$ b) $13x - 5$ c) $9x - 9$ d) $-9x - 1$
- Q8.** A shopkeeper purchases an item for ₹ 75 and sells it to customer for ₹ 100. His gain percent is:
- a) $33\frac{1}{3}\%$ b) 20 % c) $37\frac{1}{2}\%$ d) none of these

Section B

Answer the following questions:

- Q9.** A table marked at ₹ 15000 is available for ₹ 14400. Find the discount given and the discount percent.

OR

A scooter was bought at ₹ 42000. Its value depreciated at the rate of 8 % per annum. Find its value after one year.

- Q10.** Subtract $5pq^2 - 8p - 3pq + 4p^2q - 10 + 7q$ from $5pq - 2pq^2 + 18 - 3p - 11q + 5p^2q$
- Q11.** Add the following algebraic expressions: $5x^2 - 4y^2 + 6y - 3$, $5x - 4xy + 8y^2 + 7x^2 - 3y$

Section C

- Q12** If the simple interest on a sum of money at 5% per annum for 3 years is ₹ 1200 then find compound interest on the same sum for 2 years at same rate.

OR

The population of a place increased to 54000 in 2003 at a rate of 5 % per annum

- (i) Find the population in 2001.
- (ii) What would be its population in 2005?

- Q13.** If 60 % people in city like cricket, 30 % like football and the remaining like other games, then what per cent of the people like other games? If the total number of people are 50 lakh, find the exact number who like each type of game.
