# Mathematics

## Practice Test Paper 6

### (Ganita Prakash Part 2 | Chapter 1: Fractions in Disguise)

### Class VIII | 2026–27

Time Allowed: 45 Minutes | Maximum Marks: 25

**General Instructions**

1. All 13 questions are compulsory. The paper has four sections: A, B, C and D.
2. Section A - 5 marks; Section B - 8 marks; Section C - 9 marks; Section D - 3 marks.
3. Choose one correct option in Section A. Show the necessary working in Sections B, C and D.
4. Study the images and graphs carefully before answering the related questions.

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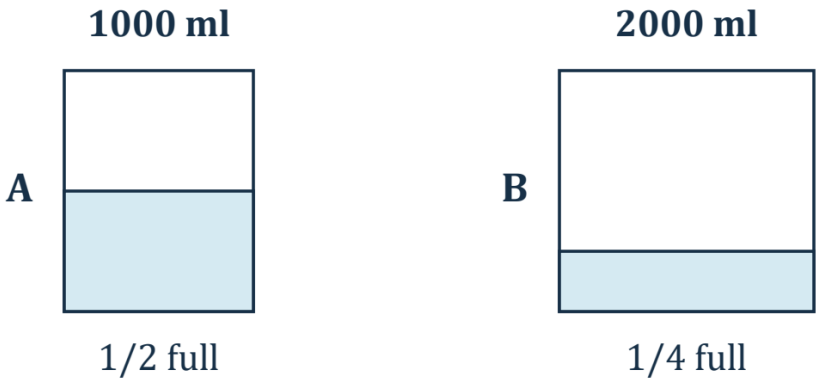
## SECTION A

(5 questions × 1 mark = 5 marks)

**1.** What is the smallest whole-number score needed to obtain at least 70% in a test out of 50?

(A) 30 (B) 34
(C) 35 (D) 40

**2.** The two containers show their capacities and the fractions filled. Which statement about the water in them is correct?




(A) A contains twice as much as B (B) Both contain the same amount
(C) B contains twice as much as A (D) A contains 500 ml more

**3.** A 5% tax is added to a pre-tax price of ₹p. Which expression gives the final price?

(A) $1.05p$ (B) $0.05p$
(C) $p + 5$ (D) $5p$

**4.** The amount deposited before any interest is added is called:

(A) Profit (B) Discount
(C) Revenue (D) Principal

**5.** Which percentage is closest to one-sixth?

(A) 6% (B) 10%

(C) 17% (D) 25%

## SECTION B

(4 questions × 2 marks = 8 marks)

**6.** If 12% of a quantity is 54, find 4% and 28% of the same quantity without first finding the whole.

**7.** After 18% of a store's rice is sold, 246 kg remains. Find the original stock and the quantity sold.

**8.** A museum's daily attendance falls from 240 visitors to 180. Find the percentage decrease and the remaining attendance as a percentage of the original attendance.

**9.** A shop sells a box for ₹720 at a profit of 20% on cost price. Find its cost price and profit.

## SECTION C

(3 questions × 3 marks = 9 marks)

**10.** A sweater is marked 40% above its cost price of ₹750. It is then sold at a 25% discount on the marked price. Find the selling price and the profit or loss percentage.

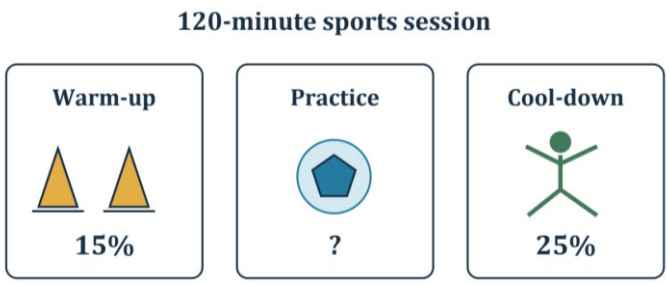
**11.** A printer costs ₹2400 before tax. A 10% discount is applied first, and then 5% tax is charged on the discounted price. Find the discounted price, the tax and the final amount payable.

**12.** An experiment starts with 1600 bacteria. Their number increases by 25% each hour. Find the numbers after one and two hours, and the overall percentage increase over two hours.

## SECTION D

(Application Based Question - 3 marks)

**13.** The activity plan shows a 120-minute sports session. Use the marked shares to answer the questions.




(i) How many minutes are spent on warm-up?

(ii) What percentage of the session is used for practice?

(iii) How many more minutes are spent on practice than on cool-down?