Mathematics

Practice Test Paper 2

(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.

SECTION A

(5 questions × 1 mark = 5 marks)

1. Which is the exact percentage equivalent of $\frac{1}{3}$?

(A) $\frac{100}{3}\%$ (B) 3%

(C) 30% (D) 33%

2. A shop sells 150% of its target of 40 bottles. How many bottles does it sell?

(A) 15 (B) 40

(C) 50 (D) 60

3. A quantity increases by 15%. Which multiplier gives its new value?

(A) 0.15 (B) 1.15

(C) 0.85 (D) 15

4. The marks on the number line are equally spaced. What percentage is represented by P?



(A) 75% (B) 125%

(C) 175% (D) 200%

5. A trader finds profit as a percentage of the amount spent to buy an item. Which amount is the base?

(A) Selling price (B) Marked price

(C) Discount (D) Cost price

SECTION B

(4 questions × 2 marks = 8 marks)

6. A drink contains juice and water in the ratio 3 : 7. What percentage is juice? How much juice is needed for 450 ml of the drink?

7. Without doing two separate multiplications, compare 60% of 80 with 80% of 60. Explain your reasoning.

8. A school buys sports equipment priced at ₹1250 before tax. If the tax is 12% of this price, find the tax and the final bill.

9. The route diagram shows a cyclist's progress. Use the marked distance and percentage to find the distance still to be covered.



SECTION C

(3 questions × 3 marks = 9 marks)

10. Tara scores 54 out of 60 in Mathematics and 68 out of 80 in Science. Find both percentages and decide in which subject she performs better.

11. A table is sold for ₹900 at a loss of 10%. Find its cost price and the loss.

12. An amount of ₹4000 earns 5% interest per annum, compounded annually. Find the balance after each of two years and the total interest.

SECTION D

(Application Based Question - 3 marks)

13. A bus fare of ₹200 is increased by 10%. Later, the revised fare is reduced by 10%.

(i) Find the fare after the increase.

(ii) Find the fare after the reduction.

(iii) State the overall percentage change from the original fare.