Mathematics

Practice Test Paper 5

(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 fraction is equal to 125%?

(A) $\frac{1}{4}$ (B) $\frac{4}{5}$

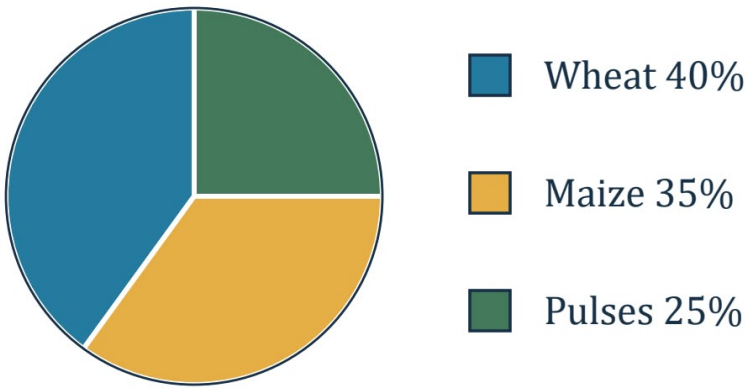
(C) $\frac{5}{4}$ (D) $\frac{5}{2}$

2. What is 5% of 500 g?

(A) 25 g (B) 2.5 g

(C) 100 g (D) 250 g

3. The farm covers 200 hectares. Use the chart to find the area used for pulses.



(A) 25 hectares (B) 35 hectares

(C) 50 hectares (D) 80 hectares

4. This year's output is 160% of last year's output. The increase is:

(A) 160% (B) 60%

(C) 40% (D) 260%

5. An item costs ₹200. If it is given away for no payment, what is the loss percentage on its cost?

(A) 0% (B) 50%

(C) 100% (D) 200%

SECTION B

(4 questions × 2 marks = 8 marks)

6. In a group of 80 students, 35% travel by bus. In another group of 120 students, 25% do so. What percentage of all 200 students travel by bus?

7. Meera has read 42.5% of a 240-page book. How many pages has she read, and how many remain?

8. The selling price of four identical pens equals the cost price of five such pens. Find the profit percentage on cost price.

9. Which is longer: 10% of one day or 2% of one week? Find the difference in hours.

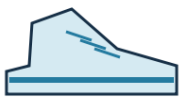
SECTION C

(3 questions × 3 marks = 9 marks)

10. Ravi borrows ₹8000 for two years at 12% per annum without compounding. Sana borrows the same amount at 10% per annum compounded annually. Who pays more interest, and by how much?

11. The two shops sell the same shoes at the same marked price. Use their offers to find the price at each shop. Which offer saves more, and by how much?

Marked price ₹1200



SHOP A	SHOP B
20% off, then 10% off the reduced price	28% off the marked price

12. A machine worth ₹50,000 loses 10% of its value in the first year and 20% of its new value in the second year. Find the value after two years and the total percentage depreciation.

SECTION D

(Application Based Question - 3 marks)

13. A school has 250 students. Of these, 40% join an excursion. Of those joining, 60% are girls.

(i) How many students join the excursion?

(ii) How many girls join it?

(iii) What percentage of all school students are girls joining the excursion?