Mathematics

Practice Test Paper 1

(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. What does 7% mean?

(A) 7 out of 10
(B) 7 out of 100
(C) 100 out of 7
(D) 7 out of 1000

2. The ribbon is divided into eight equal parts. What percentage of it is shaded?



8 equal parts

(A) 3%
(B) 24%
(C) 37.5%
(D) 62.5%

3. Which percentage is equal to 0.065?

(A) 0.65%
(B) 65%
(C) 650%
(D) 6.5%

4. A bag marked at ₹450 is sold at a 20% discount. What is its selling price?

(A) ₹360
(B) ₹430
(C) ₹540
(D) ₹90

5. The base for Year 2 interest with annual compounding is:

(A) Original principal only
(B) Year 1 interest only
(C) Principal + Year 1 interest
(D) Final amount after Year 2

SECTION B

(4 questions × 2 marks = 8 marks)

6. Express $\frac{7}{20}$ and 0.125 as percentages.

7. A 250 g snack mixture contains 18% peanuts by mass. Find the mass of peanuts and the mass of the other ingredients.

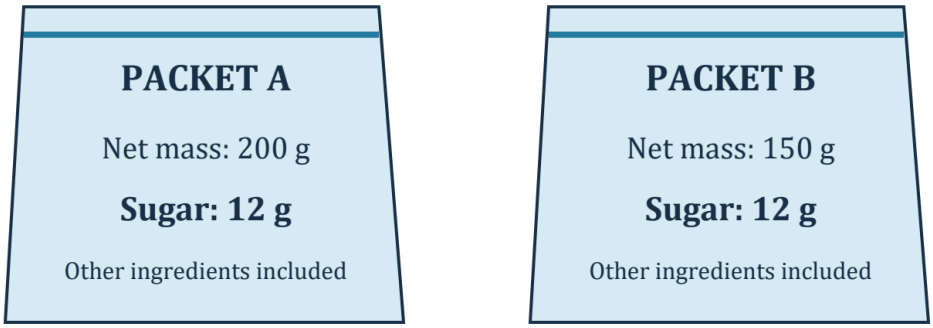
8. A library has lent 72 books, which are 30% of its collection. How many books are in the collection?

9. The price of a notebook pack rises from ₹80 to ₹92. Find the percentage increase.

SECTION C

(3 questions × 3 marks = 9 marks)

10. Calculate the percentage of sugar in each packet shown. Which packet contains more sugar in a 100 g sample, and how much more?



11. A shopkeeper buys a lamp for ₹640 and sells it for ₹736. Find the profit and the profit percentage on cost price.

12. ₹3500 is deposited for three years at 8% per annum without compounding. Find the yearly interest, total interest and total amount received.

SECTION D

(Application Based Question - 3 marks)

13. A school fair has a sales target of ₹12,000. Its actual sales are ₹15,000 and the goods sold cost ₹10,000.

(i) What percentage of the sales target is achieved?

(ii) Find the gross profit.

(iii) Find the profit percentage on the cost of the goods.