



परमाणु ऊर्जा शिक्षण संस्था  
Atomic Energy Education Society  
उत्तर कुंजी / Answer Key (2025-26)

कक्षा /Class: VIII विषय /Subject: Mathematics माह/ Month: \_\_\_\_\_ अंक/Marks: 40  
दिया गया पाठ्यक्रम/Portion covered: Part 2 , Chapter 1 ( Fraction in Disguise)

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**SECTION- A (10×1= 10 marks)**

1. ₹576 – (B)
2. ₹10000 – (A)
3. 20% loss – (C)
4. 1% decrease – (C)
5.  $16\frac{2}{3}\%$  gain – (C)
6. ₹5000 – (C)
7. 20% – (C)
8. 26% gain – (C)
9. No gain, no loss – (D)
10. Assertion false, Reason false – (D)

**SECTION- B (04×02= 08 marks)**

11. Discount = ₹70
12. Percentage of millet = 22.22%  
Millet in 500 ml mixture = 111.11 ml
13. Remaining distance = 138 km
14. Total days required = 90 days

**SECTION- C (03×03= 09 marks)**

15. Loss % = 14.29% loss
16. Cost price = ₹90.91 per kg
17. Selling price = ₹1170  
Profit % = 30% profit

**SECTION- D (01×05= 05 marks)**

18. (a) Overall result = 3.08% loss (b) Original price of car = ₹5,17,647 (approx.)

**SECTION- E (02×04= 08 marks)**

19. Simple Interest = ₹10,500  
Compound Interest = ₹11,252.15  
Extra interest in CI = ₹752.15
20. Better choice = Cakify (50% discount is greater)