

BCM SCHOOL, BASANT AVENUE, DUGRI ROAD, LUDHIANA

CLASS:-VII

SUBJECT :-MATHEMATICS (041)

Assignment

Ch -Comparing Quantities

Session -2023-24

MCQ

Q1 By selling an article for Rs 50, a shopkeeper gains Rs 12. His gain per cent is

- (a) 12%
- (b) 24%
- (c) 31.6%
- (d) 50%

Q2. The price of a motorcycle was Rs. 34,000 last year. It has increased by 20% this year. The price of motorcycle now is:

- (a) Rs. 36,000
- (b) Rs. 38,800
- (c) Rs. 40,800
- (d) Rs. 32,000

Q3. Find the amount that Mr. A should pay back Mr. B if he had lent Rs. 10,000 for 2.5 years at a 12% interest rate.

- (a) 2,500
- (b) 3,400
- (c) 13,000
- (d) 3,000

Assertion -Reasoning

Q4. Assertion: The simple interest on Rs 1000 for 2 years at 8% per annum is 160

Reason: $S.I = 1000 \times 2 \times 8 / 100 = Rs\ 160$

- a) Assertion and Reason are correct and reason is the correct explanation for assertion.
- b) Both Assertion and Reason are correct and reason is not the correct explanation for Assertion.
- c) Assertion is true but the reason is false.
- d) Both Assertion and reason are false.

Subjective Questions

Q5. A sum of money doubles itself in 8 years. Find rate of interest.

Q6. In an examination, 86% of candidates passed and 70 failed. How many candidates appeared?

Q7. 10 apples are bought for ₹ 11 and sold at the rate of 11 apples for ₹ 10. Find the overall gain or loss per cent in these transactions.