Comparing Quantities-2

Name:

Grade:

(1) A shopkeeper gives 10% discount on all items. If the discounted price of a dining table is Rs.18000, find the original price of the dining table.

ANS:

(2) If 600 glasses are bought at the rate of Rs.12 each, and 480 are sold at rate of Rs.15 each.

Find the overall prof it/loss.

ANS:

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(3) A shopkeeper sold a racket at a loss of 21%. Had he sold it f or Rs. 27 more, he would have Gained 6%. Find the cost price of racket.

ANS:

(4) Aditya sells his two cycles at the rate of Rs. 5 hundreds each. On one cycles he gains 6% while On other cycles he incurs a loss of 6%. Find his total loss/gain in whole transaction.

ANS:

(5) A shopkeeper mixes two variants of rice in ratio 3:1. The first variety costs Rs.32 per kg, while other costs 36 per kg. If the mixed rice is sold at price of 28.05 per kg. Find the prof it/loss

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Incurred by shopkeeper.

ANS:

(6) A shopkeeper sells two quality of tea at rate of Rs. 33 per kg. and Rs. 30 per kg, gaining 10% and 20% prof it respectively. If he mixes the two variants in the ratio 3:2 and sells the mixture at Rs. 21 per kg., what is his gain or loss?

ANS:

<u>Choose correct answer(s) from given choice</u>

(7) Due to 5% discount offered by a shop, price of a mobile phone reduces by Rs. 185. Find the Discounted price of mobile phone.

a. Rs. 3866 b. Rs. 2812

c. Rs. 3515 d. Rs. 4218

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(8) Sita purchased 240 glasses f or her shop at Rs.8 each. During transportation 24 glasses got damaged, and she sold remaining glasses at price of Rs.12 each. Find overall prof it/loss in %.

a. 30% profit b. 35% profit

c. 45% profit d. 40% profit

Fill in the blanks

(9) A shopkeeper buys 10 dining tables f or Rs. 150000. If he sells them f or a profit of 5%, the

Selling price of one dining table =

Rs.

(10) A shopkeeper provides two successive discount of 25% and 40% on selling an article. If the selling price is Rs. 180, the marked price of the article =

Rs.

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