

Chapter 7: Comparing Quantities

FM.-17

Time: 35 minutes

A. Choose the correct option:

[1×4= 4]

- i. A cricket bat was purchased for ₹800 and was sold for ₹1,200. Then, the profit earned is-
- a. 100% b. 60% c. 50% d. 80%
- ii. Amount received on ₹3000 for 2 years at the rate of 11% per annum is
- a. ₹2,340 b. ₹3,660 c. ₹4,320 d. ₹3,330
- iii. Weight of Nikhil increased from 60 kg to 66 kg. Then, the increase in weight, is-
- a. 10% b. 11% c. 6% d. 20%
- iv. If 60% of the students in a school are boys and the no. of girls is 972, how many boys are there in the school?
- a. 1258 b. 1458 c. 1324 d. 1624

B. Answer the following questions:

[3×3 =9]

- i. A man left 25% of his money to his mother, 55% to his daughter and the remaining ₹9,000 to his brother. How much money did he leave in total?
- ii. A dealer bought 50 quintals of rice at the rate of ₹800 per quintal. He paid ₹400 as octroi charges and ₹600 on transportation charges. Then he sold the whole stock at ₹750 per quintal. Find his gain or loss percentage.
- iii. If the simple interest on a certain sum of money for 2 years be one-fifth of the sum, then find the rate of interest per annum.

C. Case Study:

[1×4=4]

Deepak wants to buy a wrist watch for him. From Flipkart, he sorted out a Timex wrist watch for him. The MRP of the watch is ₹1500, but he is getting 57% off deal on the product. He observed that his friend, Ajay also has the same watch, although Ajay bought it from a Titan Shop and he got the watch at ₹690.

TIMEX Analog Watch - For Men TW0TG7304
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- i. If Deepak buys the watch from flipkart, how much will he have to pay?
- a. ₹855 b. ₹645 c. ₹57 d. ₹745
- ii. How much of a percentage of discount did Ajay get when he bought the watch?
- a. 54% b. 64% c. 57% d. 60%
- iii. According to you, who has paid more for the wrist watch and how much?
- iv. If the Titan shop owner bought the watch through online shopping by availing the same offer that Deepak, got and sold it to Ajay, how much profit or loss did he make?
- a. ₹40, profit b. ₹60, Loss c. ₹45, loss d. ₹45, profit