

Percentage Ex 11.5 Q4

Answer:

- (i) 25 marks out of 30 ⇒ (25/30) × 100 = 2500/30 = 83.33% 35 marks out of 40 ⇒ (35/40) × 100 = 3500/40 = 87.5% 87.5% is greater than 83.33%.
- (ii) 100 runs scored off 110 balls
 ⇒ (100/110) × 100 = 10000/110 = 90.90%
 50 runs scored off 55 balls
 ⇒ (50/55) × 100 = 5000/55 = 90.90%
 Both percentages are equal.

Percentage Ex 11.5 Q5 Answer:

20% more than 200 means 20% of 200 plus 200. That is, $\{(20/100) \times 200\} + 200 = (4000/100) + 200 = 40 + 200 = 240$.

Percentage Ex 11.5 Q6

Answer:

10% less than Rs. 150 means 150 minus 10% of 150. That is, $150 - \{(10/100) \times 150\} = 150 - (1500/100) = 150 - 15 = Rs. 135$.

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