

VII - Mathematics Assignment No-10 - Comparing Quantities.

Q1. The SI on Rs 5000 at 5% p.a. in Rs 1000
Find the time period

- (i) 1 year (ii) 2 years (iii) 3 years (iv) 4 years.

Q2. The C.P of an article is Rs 500. He sold it at a loss of 10%, the S.P is

- (i) Rs 350 (ii) Rs 300 (iii) Rs 450 (iv) Rs 400

Q3. The formula for the S.P, given CP, gain%, is

- (i) $\frac{CP \times 100}{100 + G\%}$ (ii) $\frac{CP \times (100 + G\%)}{100}$ (iii) $\frac{C.P \times gain\%}{100}$

(iv) none of these

(Q4) The percentage of marks obtained by Arun in Mathematics if he got 48 out of 80 is

- (i) 60% (ii) 50% (iii) 40% (iv) 70%

Q5 125% of a certain sum is Rs 25, then sum is

- (i) 50 (ii) 40 (iii) 30 (iv) 20

Q6. A Car goes 90 km in 5 litres of petrol. For covering a distance of 135 km, the petrol used will be

- (i) $7\frac{1}{5}$ lt.
- (ii) $3\frac{1}{3}$ lt.
- (iii) $7\frac{1}{2}$ lt.
- (iv) $33\frac{1}{3}$ lt.

Q7. 5, 6, x are in continued proportion, the value of x is

- (i) $\frac{30}{7}$
- (ii) $\frac{36}{5}$
- (iii) $\frac{33}{4}$
- (iv) $\frac{37}{2}$

Q8. The ratio of angles of a triangle is 2:3:4. The Largest angle of the triangle is

- (i) 80°
- (ii) 60°
- (iii) 120°
- (iv) 150°

Q9. If $A:B = 2:3$ and $B:C$ is $3:4$ then $A:C$ is

- (i) 2:3
- (ii) 3:4
- (iii) 1:2
- (iv) 1:3

Q10. The mean proportion of 4 and 9 is

- (i) 7
- (ii) 5
- (iii) 4
- (iv) 6

ANSWERS:

Q1 (iv)	Q5 (iv)	Q9 (iii)
Q2 (iii)	Q6 (iii)	Q10 (iv)
Q3 (ii)	Q7 (ii)	
Q4 (i)	Q8 (i)	