

**MATHS**



**SBI CLERK**

# QUANTITY COMPARISON (Q1-Q2)



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# Basic Concept

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**Q I:** The base of triangle is 30cm and height is 22 cm. Another triangle having the base 40cm has double area of the given triangle. Find the height of the other triangle.

त्रिभुज का आधार 30 सेमी और ऊँचाई 22 सेमी है। एक त्रिभुज जिसका आधार 40 सेमी है और इस त्रिभुज का क्षेत्रफल दिए गए त्रिभुज का दोगुना है। दूसरे त्रिभुज की ऊँचाई ज्ञात कीजिए।

**Q II:** 33

1)  $Q I < Q II$

2)  $Q I > Q II$

3)  $Q I \leq Q II$

4)  $Q I \geq Q II$

5)  $Q I = Q II$  or Relationship cannot be established.

**Q I:** Simple interest earned on a certain sum of money after 4 years at the rate of 8% per annum is 17920. Then the principle is:

8% प्रति वर्ष की दर से 4 वर्ष बाद किसी धनराशि पर अर्जित साधारण ब्याज 17920 है। तो धनराशि है:

**Q II:** 45000

1)  $Q I < Q II$

2)  $Q I > Q II$

3)  $Q I \leq Q II$

4)  $Q I \geq Q II$

5)  $Q I = Q II$  or Relationship cannot be established.

**In a class of 800 students, 56% students are boys. The average weight of all the boys is 75 kg and that of all the girls is 55 kg.**

**Q I: What is the average weight of class?**

**Q II: If a boy 80 kg and a girl of 50 kg is added in the class, then what will be the new average**

1)  $Q I < Q II$

2)  $Q I > Q II$

3)  $Q I \leq Q II$

4)  $Q I \geq Q II$

5)  $Q I = Q II$  or Relationship cannot be established.



**Q I:** Two trains of length 240 m and 280 m are running towards each other on parallel lines at the rate of 84 km/hr and 60 km/hr respectively. How much time will they take to cross each other from the moment they meet/

**Q II:** Two trains of length 180 m and 220m are running in same direction on parallel lines at the rate of 90km/hr and 36 km/hr respectively. How much time will they take to cross each other from the moment they meet?

1)  $Q I < Q II$

2)  $Q I > Q II$

3)  $Q I \leq Q II$

4)  $Q I \geq Q II$

5)  $Q I = Q II$  or Relationship cannot be established.



**Aman lent a certain amount to Aabhash at 12.5% simple rate of interest if amount paid by Aabhash after 3 years is Rs. 22000**

**Q I: What is the amount lent by Aman?**

**Q II: What is the amount paid by Aabhash if he has to repay his debt after 5 years at the rate of 10%.**

1)  $Q I < Q II$

2)  $Q I > Q II$

3)  $Q I \leq Q II$

4)  $Q I \geq Q II$

5)  $Q I = Q II$  or Relationship cannot be established.

$a/b$  is a fraction value. If reverse of this fraction is subtracted from the fraction value then the answer is  $11/30$ . 'a' and 'b' both are positive integer and less than 8

Q I:  $a - 4$

Q II:  $(a+b)^2 - 4ab$

1)  $Q I < Q II$

2)  $Q I > Q II$

3)  $Q I \leq Q II$

4)  $Q I \geq Q II$

5)  $Q I = Q II$  or Relationship cannot be established.



$$a^{4x} = 81^x \text{ and } b^3 = -27$$

$$\text{Q I: } a + b - 3$$

$$\text{Q II: } -|ab|$$

$$1) \text{ Q I} < \text{Q II}$$

$$2) \text{ Q I} > \text{Q II}$$

$$3) \text{ Q I} \leq \text{Q II}$$

$$4) \text{ Q I} \geq \text{Q II}$$

5) Q I = Q II or Relationship cannot be established.

**Q I:  $x^3 - 133 = [56\% \text{ of } 1250] \div 4 + 11^3 + 124 \times 9 \div 2$**

**Q II:  $y^2 - y - 72 = 0$**

1)  $Q I < Q II$

2)  $Q I > Q II$

3)  $Q I \leq Q II$

4)  $Q I \geq Q II$

5)  $Q I = Q II$  or Relationship cannot be established.



**$x/y$  is :**

**Q I:  $6x + 4y = 4x + 7y$**

**Q II:  $5x + 3y = 2x + 5y$**

**1)  $Q I < Q II$**

**2)  $Q I > Q II$**


**3)  $Q I \leq Q II$**

**4)  $Q I \geq Q II$**

**5)  $Q I = Q II$  or Relationship  
cannot be established.**

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