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Sample Questions for CLAT 2023: Quantitative Techniques

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SAMPLE QUESTIONS

1. The sum of ages of brother and sister currently is 21. Five years ago, the product of their age was 28. What is the age of the brother and sister?

a. 6,15

b. 9,12

c. 7,14

d. 5,13

Correct Option: b

2. Ratio of ages of A and B is 7:2. Five years ago, the product of their ages was 150. What is the current age of A?

a. 35

b. 40

c. 45

d. 50

Correct Option: a

3. A container has 80 L of milk from which 8L was taken out and replaced by water thrice. Amount of milk in the container after that is?

a. 85.23L

b. 85.32L

c. 58.23L

d. 58.32L

Correct Option: d

4. X and Y make an investment in their business in the ratio of 3:2. They decide to donate 5% of the proceeds from their profits to charity. If X received a share of Rs. 855, calculate the total profit the business incurred.

a. 500

b. 1000

c. 1500

d. 2000

Correct Option: c

5. A ship is travelling upstream at the rate of 14 km/hr. The same ship travels downstream at the rate of 40 km/hr. Calculate the speed that the stream is flowing at:

a. 26 km/hr

b. 13 km/hr

c. 40 km/hr

d. None of them

6. Find the missing number in the sequence: 10, 5, ___, 1.25, 0.625

a. 3.75

b. 3.5

c. 2.5

d. 2.75

Correct Option: c

7. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?

a. 12 years

b. 4 years

c. 10 years

d. 8 years

Correct Option: b

8. Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them

are:

a. 41, 32

b. 42, 33

c. 39,30

d. 43, 34

Correct Option: b

9. The average of 20 numbers is zero. How many of them, at max, may be greater than zero?

A. 9

B. 11

C. 19

D. 17

Correct Option: c

10. The average monthly income of P and Q is Rs. 5050. The average monthly income of Q and R is Rs. 6250 and the average monthly income of P and R is Rs. 5200. The monthly income of P is:

a. 3000

b. 2500

c. 3500

d. 4000

Correct Option: d

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