BLOGS

Sample Questions on Quantitative Techniques for CLAT 2024

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QUESTIONS ON QUANTITATIVE TECHNIQUES FOR CLAT

I. A company has 4 different departments – IT, Sales, HR, and Finance. The number of female employees from IT department is 800 and the ratio of the number of male to female employees from the HR department is 3: 2. The number of female employees from the IT department is 80 less than the number of male employees from the Finance department.

The number of female employees from the IT department is 160 less than the number of male employees from the HR department. The ratio of the number of male to female employees from the Finance department is 2: 3 and the total number of male employees from all the departments together is 800 more than the total number of female employees from all the departments. The ratio of the number of male to female employees from IT department is 2: 1 and the number of female employees from Sales department is 480.

Q 1. What is the difference between the total number of employees from Finance and HR department?

A) 400

B) 500

C) 600

D) 700

Q 2. If 60% of the male employees from IT departments are transferred to Sales department and 55% of the female employees from sales department are transferred to IT department, then what is the ratio of the total number of employees from IT and Sales department together?

A) 67: 79

B) 69: 71

C) 71: 74

D) 73: 75

Q 3. What is average number of employees from all the departments together?

A) 1640

B) 1820

C) 2050

D) 2280

Q 4. If 20% of the number of male employees from Finance department is resign their jobs and then 20% of the female employees transferred to other department, then what is the total employees of the finance department?

A) 1680

B) 1730

C) 1760

D) 1790

Q 5. What is the difference between total number of male and female employees from all the departments together?

A) 600

B) 700

C) 800

D) 500

II. In a City college there are two batches of students in the year 2020. There are 200 students in the Commerce batch whereas there are 250 students in the Science batch.
In the commerce batch 100 play cricket, 60 play hockey and 70 play basketball.

30 students play both cricket and hockey, 45 students play both cricket and basketball, 35 students play both hockey and basketball and 20 students play all three games. In the science

batch 110 play cricket, 80 play hockey and 85 play basketball. 50 students play both cricket and hockey, 45 students play both cricket and basketball, 40 students play both hockey and basketball and 30 students play all three games.

Q 6. Find the ratio of the number of students who play only cricket to those who play only hockey from both batches put together?

(A) 17 : 8

(B) 8 : 11

(C) 18 : 7

(D) 15 : 7

Q 7. How many science students do not participate in any sport?

(A) 50

(B) 70

(C) 60

(D) 80

Q 8. Find the approximate percentage of total students participating in exactly two sports.

(A) 21%

(B) 25%

(C) 19%

(D) 31%

Q 9. The number of commerce students playing only basketball is what fraction of the number of science students playing only basketball?

(A) 1⁄4

(B) 1/3

(C) 3⁄4

(D) 2/5

Q10. Find the total number of students playing hockey and exactly one other game from both batches put together.

(A) 45

(B) 35

(C) 55

(D) 50

ANSWERS

1. C
2. C
3. B
4. C
5. C
6. C
7. D
8. A
9. B
10. C

To practice more such Questions on Quantitative techniques for CLAT 2024, click here!