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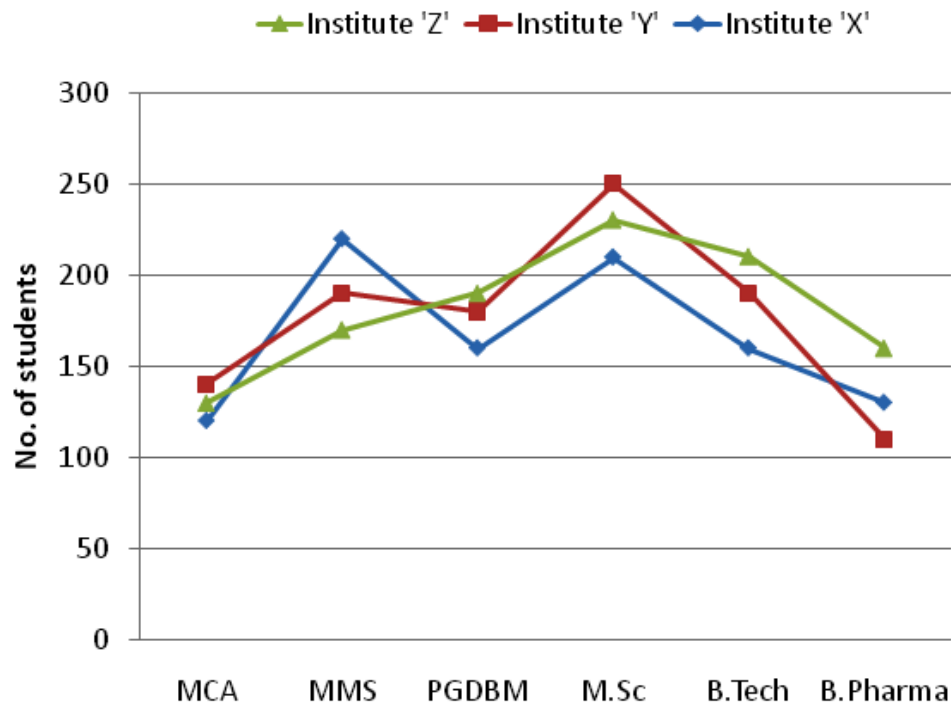
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Date Interpretation Line Chart Questions for Bank PO Exams.

DI Line Chart Quiz 2

Direction : Study the following line graph carefully to answer the questions that follow.

Number of students Studying Different Courses from Three Different Institutes



1. What is ratio between total number of students studying MCA from all three institutes together and the total number of students studying M.Sc. from all three institutes together?

- A. 13 : 22 B. 13 : 23 C. 14 : 23 D. 13 : 24 E. 12 : 23

2. Number of students studying MMS from institute 'X' is what per cent of the total number of students studying all six courses together from the same institute?

- A. 22 B. 24 C. 21 D. 16 E. 26

3. What is the difference between total number of students studying all six courses from institutes 'X' and 'Z'?

- A. 110 B. 80 C. 120 D. 100 E. 90

4. Number of students studying M.Sc. and PGDBM together from institute 'X' is approximately what per cent of the total number of students studying these two courses together from all three institutes?

- A. 36 B. 24 C. 34 D. 30 E. 26

5. What is the respective ratio between number of students studying MCA and B.Tech. together from institute 'Y' and the number students studying B.Tech. from institute 'Z'?

- A. 12 : 5 B. 12 : 7 C. 11 : 8 D. 11 : 7 E. 11 : 6



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Correct Answers:

1	2	3	4	5
B	A	E	D	D

Explanations:

1.

$$\text{Reqd. ratio} = \frac{120 + 130 + 140}{210 + 230 + 250} = \frac{13}{23}$$

$$= 13 : 23.$$

Hence, option B is correct.

2.

$$\text{Required percentage} = \frac{220}{120 + 220 + 160 + 210 + 160 + 130} \times 100 = 22\%.$$

Hence, option A is correct.

3. Total value of institute 'Z' = $130 + 170 + 190 + 230 + 210 + 160 = 1090$

Total value of institute 'X' = $120 + 220 + 160 + 210 + 160 + 130 = 1000$

Difference between total number of studying all six course together from institutes 'Z' and 'X' = $1090 - 1000 = 90$.

Hence, option E is correct.

4. Required percentage = $\frac{160 + 210}{160 + 180 + 190 + 210 + 230 + 250} \times 100 = 30\%.$

Hence, option D is correct.

5.

$$\text{Reqd. ratio} = \frac{140 + 190}{210}$$

$$= \frac{11}{7}$$

$$= 11 : 7.$$

Hence, option D is correct.



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