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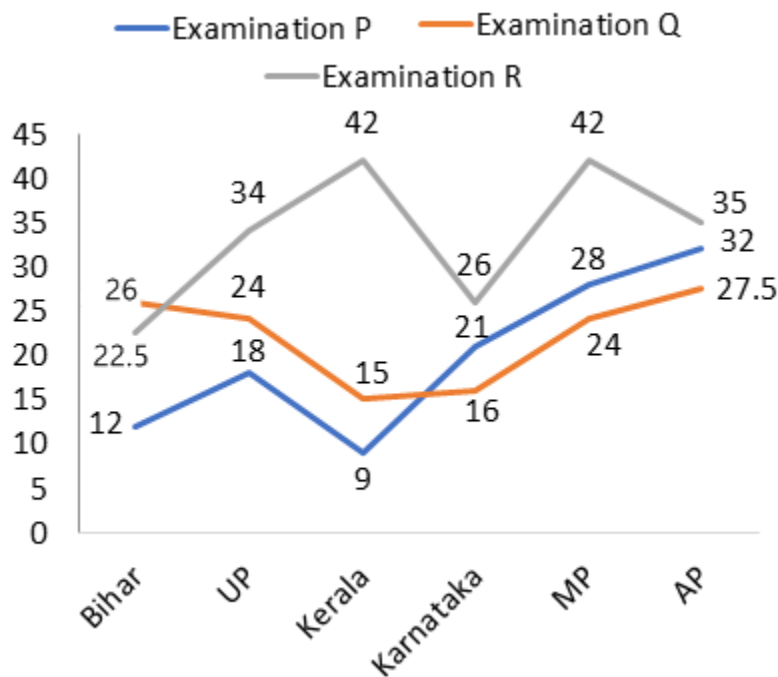
Date Interpretation Line Chart Questions for SBI Clerk Pre, IBPS Clerk Pre and IBPS RRB Exams

DI Line Chart Quiz 29

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

The following graph gives the information about the number of students applied in 2017 for three different examinations P, Q and R from six different states Bihar, UP, Kerala, Karnataka, MP, and AP of India.

(All values are in thousand)



1. The total number of students applied for examination R from all the six states of India together is approximately what percent of the total number of students applied for examination Q from all the six states together?

- A. 215% B. 130% C. 152% D. 142% E. None of these

2. Find the ratio of the total number of the students applied from AP for all the examinations P, Q, and R together to the total number of students applied from Bihar for all the examinations P, Q, and R together.

- A. 63 : 40 B. 63 : 41 C. 189 : 121 D. 190 : 121 E. None of these

3. By what percent is the number of students applied from Kerala for the examination P less than the total number of students applied from Karnataka for all the three examinations together?

- A. 610/7 % B. 620/7 % C. 600/7 % D. 590/7 % E. None of these

4. What is the approximate average number of applicants for examination P from all the six states together?

- A. 25 thousand B. 22.5 thousand C. 22.33 thousand D. 20 thousand E. None of these

5. The number of students for examination R from MP is approximately what percentage of the total number of students for the same examination from all the six states together?

- A. 22.21% B. 19.21% C. 10.46% D. 20.84% E. None of these

Correct Answers:

1	2	3	4	5
C	C	C	D	D

Explanations:

1. The total number of students applied for examination R from all the six states of India together = $(22.5 + 34 + 42 + 26 + 42 + 35) = 201.5$ thousand

The total number of students applied for examination Q from all the six states together = $(26 + 24 + 15 + 16 + 24 + 27.5) = 132.5$ thousand

$$\text{The reqd. \%} = \frac{201.5 \times 100}{132.5} = 152.07\% \text{ approximately} = 152\%$$

Hence, option C is correct.

2. The total number of the students applied from AP for all the examinations P, Q, and R together = $35 + 32 + 27.5 = 94.5$

The total number of students applied from Bihar for all the examinations P, Q, and R together = $12 + 26 + 22.5 = 60.5$

$$\text{The required ratio} = 94.5 : 60.5 = 189 : 121$$

Hence, option C is correct.

3. The number of students applied from Kerala for the examination P = 9 thousand

The total number of students applied from Karnataka for all the three examinations together = 26 + 21 + 16 = 63 thousand

$$\text{The reqd. \%} = \frac{(63 - 9) \times 100}{63} = \frac{5400}{63} = \frac{600}{7}\%$$

Hence, option C is correct.

4. The number of applicants for examination P from all the six states together = 12 + 18 + 9 + 21 + 28 + 32 = 120

The approximate average number of applicants for examination P from all the six states together

$$= \frac{120}{6} = 20 \text{ thousand}$$

Hence, option D is correct.

5. The number of students who applied for examination R from MP = 42 thousand

The total number of students applied for examination R from all the six states of India together = (22.5 + 34 + 42 + 26 + 42 + 35) = 201.5 thousand

$$\text{The reqd. \%} = \frac{42 \times 100}{201.5} = \text{approximately } 20.84\%$$

Hence, option D is correct.

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