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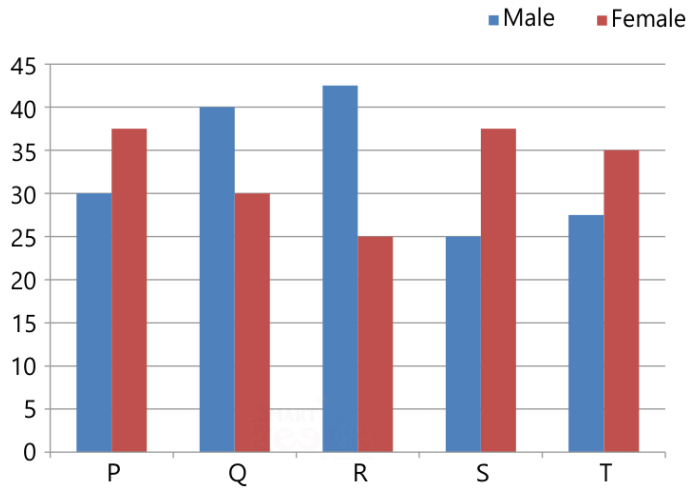
Date Interpretation Bar Graph Questions for Bank Clerk Mains Exams.

DI Bar Chart Quiz 12

Directions: Study the graph carefully and answer the following questions.

The following bar graph shows the number of students (in lakhs) in different universities



1. What is the average number of females in all the universities together?

A. 33 lakh B. 3.5 lakh C. 3.2 lakh D. 32 lakh E. None of these

2. What is the difference between total number of students (males and females together) in combinations of Universities P and R & Q and S?

A. 1 lakh B. 2.5 lakh C. 3.5 lakh D. 1.5 lakh E. None of these

3. What is the ratio of the number of females from University P and Q together to the number of males in the University R and T together?

A. 27 : 32 B. 27 : 28 C. 25 : 28 D. 28 : 27 E. None of these

4. The number of males in University Q is what per cent of the total number of students (males and females together) in University S?

A. 68% B. 62% C. 66% D. 64% E. None of these

5. How much per cent R's male students are greater than P's female students (in approximate)?

A. 12% B. 13% C. 17% D. 23% E. None of these

Correct Answers:

1	2	3	4	5
A	B	B	D	B

Explanations:

1. Required average

$$= \frac{37.5 + 30 + 25 + 37.5 + 35}{5}$$

$$= \frac{165}{5} = 33 \text{ lakh}$$

Hence, option A is correct.

2. Total number of students in university P and R together = 30 + 37.5 + 42.5 + 25 = 135 lakh
Similarly, Q and S = 40 + 30 + 25 + 37.5 = 132.5 lakh
Required difference = 135 – 132.5 = 2.5 lakh.
Hence, option B is correct.

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3. Required ratio

$$= \frac{37.5 + 30}{42.5 + 27.5}$$

$$= \frac{67.5}{70} = \frac{27}{28}$$

= 27 : 28

Hence, option B is correct.

4. Required percent

$$= \frac{40}{(25 + 37.5)} \times 100$$

$$= \frac{40}{62.5} \times 100$$

= 64%

Hence, option D is correct.

5. Required percentage

$= \frac{42.5 - 37.5}{37.5} \times 100$

$= \frac{5}{37.5} \times 100$

$= 13.33 \approx 13\%$

Hence, option B is correct.

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