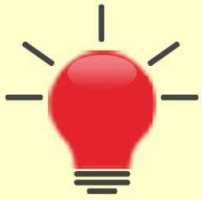

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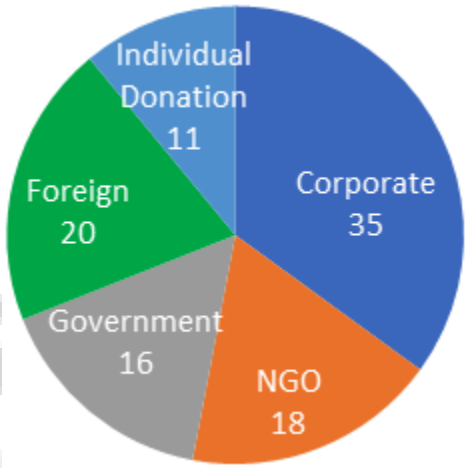
Date Interpretation Pie Chart Questions for IBPS PO Pre, RRB Scale I Pre, SBI PO Pre, IBPS Clerk Mains, IBPS SO Pre, Canara Bank PO, Syndicate Bank PO and SBI Clerk Mains Exams.

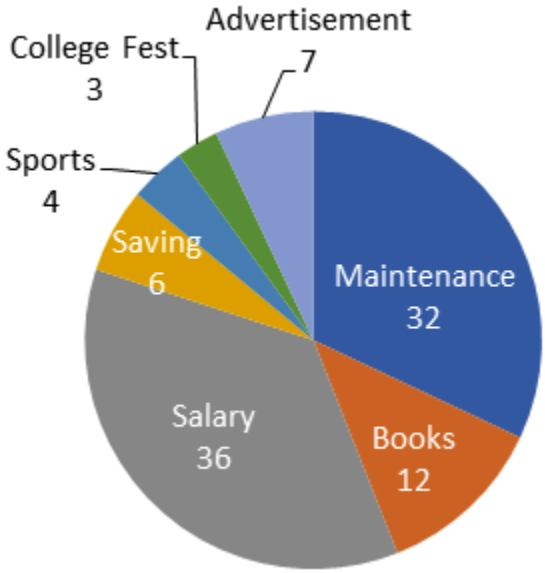
DI Pie Chart Quiz 48

Direction : Study the following pie charts carefully and answer the questions given beside.

The pie chart1 given below gives the information about the percentage distribution of the funds received from various sources by XYZ College. The pie chart 2 given below gives the information about the percentage distribution of the expenditures of the college.

Total funds collection = Total expenditures





Questions :

1. Only foreign donation was spent on sports, college fest and advertisements then what percent of foreign donation was spent on other parts?

A. 30% B. 25% C. 40% D. 35% E. None of these

2. The expenditures on college fest was Rs. 12000 less than that on sports then corporate funds was how much more than that of foreign funds?

A. Rs. 1.75 lakhs B. Rs. 2.4 lakhs C. Rs. 1.8 lakhs D. Rs. 1.6 lakhs E. None of these

3. The total individual donation was Rs. 1.32 lakhs then what was the expenditures of the college on the salary payment?

A. Rs. 3.85 lakhs B. Rs. 3.96 lakhs C. Rs. 4.32 lakhs D. Rs. 4.68 lakhs E. None of these

4. If the college had saved Rs. 30 thousand then what was the funds received from NGO and government together?

A. Rs. 185 thousand B. Rs. 170 thousand C. Rs. 145 thousand D. Rs. 175 thousand E. None of these

5. What was the ratio between the funds collected from NGO to the expenditures of the college on books?

A. 4 : 3 B. 6 : 4 C. 8 : 5 D. 9 : 7 E. None of these

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Correct Answers:

1	2	3	4	5
A	C	C	B	B

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Answers :

1. Let the total funds collection = the total expenditures = 100x

The foreign donation = 20% of 100x = 20x

The expenditures on sports, college fest and advertisements together = (4 + 3 + 7)% of 100x = 14x

The reqd. answer = $\frac{(20x - 14x) \times 100}{20x} = \frac{6 \times 100}{20} = 30\%$

Hence, option A is correct.

2. Let the total expenditures = 100x

Then, the expenditures on college fest – that on sports = 4% of 100x – 3% of 100x = x = Rs. 12000

Corporate funds = 35% of 100x = 35x

Foreign funds = 20% of 100x = 20x

The required difference = 35x – 20x = 15x = 15 × 12000 = 180,000 = 1.8 lakhs

Hence, option C is correct.

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3. Let the total funds collection = the total expenditures = 100x

The total individual donation = 11% of 100x = 11x = 1.32

x = 0.12

The expenditures of college on salary payments = 36% of 100x = 36x = 36 × 0.12 = 4.32 lakhs

Hence, option C is correct.

4. Let the total funds collection = the total expenditures = 100x

Then, saving = 6% of 100x = 6x = 30 thousand

x = 5 thousand

The funds received from NGO and government together = 18% of 100x + 16% of 100x = 34x = 34 × 5 = 170 thousand

Hence, option B is correct.

5. Let the total funds collection = the total expenditures = 100x

The funds collection from NGO = 18% of 100x = 18x

The expenditures of college on books = 12% of 100x = 12x

The required ratio = 18x : 12x = 3 : 2 = 6 : 4

Hence, option B is correct.

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