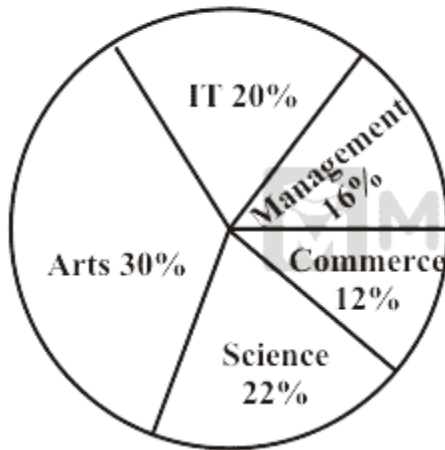


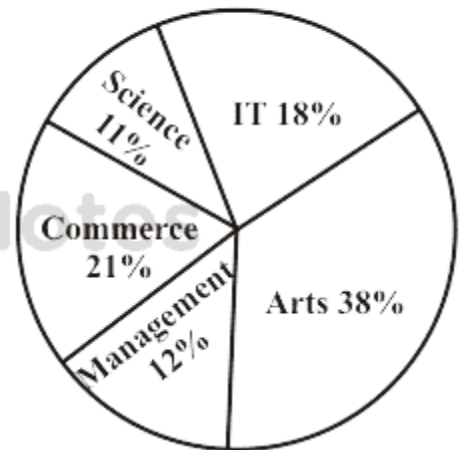
Pie Chart Questions and Answers Pdf

Study the following pie charts carefully and answer the questions that follow:

Percentage of Students Enrolled in Different Streams in a college total
Number of Students = 3500



Percentage Break-up of Girls Enrolled in These Streams out of the total students
Total Number of girls = 1500



1. What is the total number of boys enrolled in Management and IT together?

- a. 1050
- b. 810
- c. 1120
- d. 980 → b

Ans:

Total number of boys enrolled in Management and IT together

$$\begin{aligned} &= (560 - 180) + (700 - 270) \\ &= (380 + 430) = 810. \end{aligned}$$

2. What is the ratio of the number of girls enrolled in Arts to the number of boys enrolled in Science?

- a. 14 : 23
- b. 2 : 3
- c. 114 : 121
- d. 53 : 65 → c

Ans:

(Number of girls enrolled in Arts): (Number of boys enrolled in Science)

$$= 570 : (770 - 165) = 570 : 605$$

$$= \frac{570}{605} = \frac{114}{121} = 114 : 121.$$

3. What is the total number of girls enrolled in Science and Commerce together?

- a. 450
- b. 495
- c. 345
- d. 480 → d

Ans:

Total number of girls enrolled in Science and Commerce together

$$= (165 + 315) = 480.$$

4. If 20% of the girls enrolled in Science change their stream to Management, then what will be the new number of Management students altogether?

- a. 593
- b. 733
- c. 453
- d. 1003 → a

Ans:

Number of Management students already enrolled = 560.

$$\begin{aligned} \text{New required number} &= 560 + \left(\frac{20}{100} \times 165 \right) \\ &= (560 + 33) = 593. \end{aligned}$$

5. The number of girls enrolled in Arts, Science and Commerce forms what percent of total number of students in the College?

- a. 25
- b. 40
- c. 60
- d. 75
- e. 30 → e

Ans:

Number of girls enrolled in Arts, Science and Commerce
= $(570 + 165 + 315) = 1050$.

Required percentage = $\left(\frac{1050}{3500} \times 100\right)\% = 30\%$.

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