

Data Interpretation Pie Chart Questions and Answers Pdf

Percentage wise break up of students in terms of specialization in M.B.A.

Total Number of students = 8000



1. What is the total number of students having specialisation in IR, Marketing and IT?

- a. 4640
- b. 4080
- c. 4260

d. 4400 → d

Ans:

Number of students in various specialisations:

$$IB \rightarrow \left(\frac{19}{100} \times 8000 \right) = 1520 ; IR \rightarrow \left(\frac{16}{100} \times 8000 \right) = 1280 ;$$

$$\text{Finance} \rightarrow \left(\frac{12}{100} \times 8000 \right) = 960 ;$$

$$\text{Marketing} \rightarrow \left(\frac{22}{100} \times 8000 \right) = 1760 ;$$

$$IT \rightarrow \left(\frac{17}{100} \times 8000 \right) = 1360 ; HR \rightarrow \left(\frac{14}{100} \times 8000 \right) = 1120.$$

$$\therefore \text{Required number of students} = (1280 + 1760 + 1360) \\ = 4400.$$

2. Students having IB as specialisation forms approximately what percent of students having Marketing as specialisation?

- a. 116
- b. 86
- c. 124
- d. 74
- e. 66 \rightarrow b

Ans:

$$\text{Required percentage} = \left(\frac{1520}{1760} \times 100 \right) \% = \frac{950}{11} \% \\ = 86.36\% \approx 86\% \text{ (approx.)}$$

3. What is the total number of students having IB as specialisation?

- a. 1520
- b. 1280
- c. 1360
- d. 1120 \rightarrow a

Ans:

$$\text{Number of those having IB as specialisation} = 1520.$$

4. What is the ratio of the students having Finance as specialisation to students having HR as specialisation?

- a. 11 : 19
- b. 18 : 13
- c. 6 : 7
- d. 4 : 7 \rightarrow c

Ans:

$$\text{Required ratio} = \text{Finance} : \text{HR} = \frac{960}{1120} = \frac{6}{7} = 6 : 7.$$

5. Students having IR as specialisation forms approximately what percent of students having HR as specialisation?
- a. 87
 - b. 106
 - c. 76
 - d. 62
 - e. 114 → e

Ans:

$$\begin{aligned}\text{Required percentage} &= \left(\frac{1280}{1120} \times 100 \right) \% = \frac{800}{7} \% \\ &= 114.28\% \approx 114\% \text{ (approx.)}\end{aligned}$$

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