# Data Interpretation Questions Overview

Data Interpretation Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Data Interpretation Questions.

# Data Interpretation Questions

Directions: Study the following pie-chart and the table given below carefully to answer the question. Percentage-wise distribution of lecturers of 6 different subjects in a university. The total number of lecturers = 1600 The ratio of male to female lecturer: Lecturers males : females Mathematics 3 : 4 Education 5 : 3 Hindi 1 : 3 Chemistry 1 : 7 Physics 9 : 5 Zoology 7 : 9

# Question

The total number of lecturers (both male and female) in hindi is approximately what percentage of the total number of female lecturers in mathematics and chemistry together?

**Difficulty : Moderate**                                    **Average Time : 46 Seconds**

**Options :**
1. 58%
2. 43%
3. 47%
4. 51%
5. 50%

# Solution

The correct answer is **option 4** i.e. **51%**

Numbers of lecturers in various subjects are:

Chemistry = [(13/100) × 1600] = 208

Education = [(18/100) × 1600] = 288

Hindi = [(12/100) × 1600] = 192

Mathematics = [(21/100) × 1600] = 336

Physics = [(14/100) × 1600] = 224

Zoology = [(22/100) × 1600] = 352

| subject | Number of males | Number of females |
|---|---|---|
| chemistry | [208 × (1/8)] = 26 | 208 − 26 = 182 |
| education | [288 × (5/8)] = 180 | 288 − 180 = 108 |
| hindi | [192 × (1/4)] = 48 | 192 − 48 = 144 |
| Mathematics | [336 × (3/7)] = 144 | 336 − 144 = 192 |
| Physics | [244 × (9/14)] = 144 | 224 − 144 = 80 |
| Zoology | [352 × (7/16)] = 154 | 352 − 154 = 198 |

Required percentage = [{(192)/(192 + 182)} × 100]%

= [(192/374) × 100]

= (9600/187)% = 51.3% = 51%