

# Sample Test Paper

Quantitative Aptitude & Data Interpretation

Total Questions: 25 | All questions carry equal marks

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## PART A: Reading Table

Table 1 below shows the monthly sales (in units) of four products, A, B, C, and D, in a retail store. Table 2 defines the sales performance category for each sales range.

Using the information in Table 1 and Table 2, answer questions 1 to 5 that follow.

**Table 1: Monthly Sales (in units)**

Month	Product A	Product B	Product C	Product D
January	120	85	200	60
February	95	110	180	75
March	150	90	220	50
April	130	105	195	80
May	140	120	210	70

**Table 2: Sales Performance Category**

Category	Sales Range (units)
Low	0 – 80
Moderate	81 – 130
High	131 – 200
Very High	201 and above

- 1. Identify the sales performance category for Product A in March.**  
A. Low B. Moderate C. High D. Very High
- 2. In how many months did Product D fall in the 'Low' sales category?**  
A. 1 B. 5 C. 3 D. 4
- 3. Find the month in which the difference between Product C and Product B sales was the greatest.**  
A. January B. February C. March D. May
- 4. Calculate the total sales of Product A across all five months.**  
A. 625 B. 635 C. 640 D. 615
- 5. What percentage of months did Product C fall in the 'Very High' category? (Rounded to the nearest integer)**  
A. 40% B. 60% C. 80% D. 100%

## PART B: Interpretive Analysis

Table 3 below presents selected demographic details of three districts, District A, District B, and District C.

Using the information in Table 3, answer questions 6 to 10 that follow.

**Table 3: Demographic Details for Three Districts**

District	Total Households	Total Population	Male Population	Population (age 0–6)	Female (age 0–6)	Literate Persons	Literate Females
District A	5200	24800	13200	3100	1450	17200	6800
District B	12400	58600	31000	7200	3400	43900	18200
District C	8100	38200	20500	4800	2250	26700	10500

**6. Identify the district with the highest number of male children (age 0–6).**

- A. District A   B. District B   C. District C   D. Cannot be determined

**7. Determine the average household size in district A.**

- A. 4.2   B. 4.8   C. 5.0   D. 3.9

**8. Calculate the female literacy rate for district C (rounded off to next integer).**

- A. 58%   B. 61%   C. 60%   D. 55%

**9. Calculate the proportion of female population out of total population in District B.**

- A. 47.1%   B. 52.4%   C. 45.9%   D. 50.3%

**10. Compute the adult female sex ratio for District A (rounded to the nearest integer).**

- A. 879   B. 904   C. 912   D. 875

## PART C: Reading the Graph

Figure 1 below shows the Internet penetration rate (%) in five states of India for the years 2018 and 2023. Using the information contained in the graph, answer questions 11 to 15 that follow.

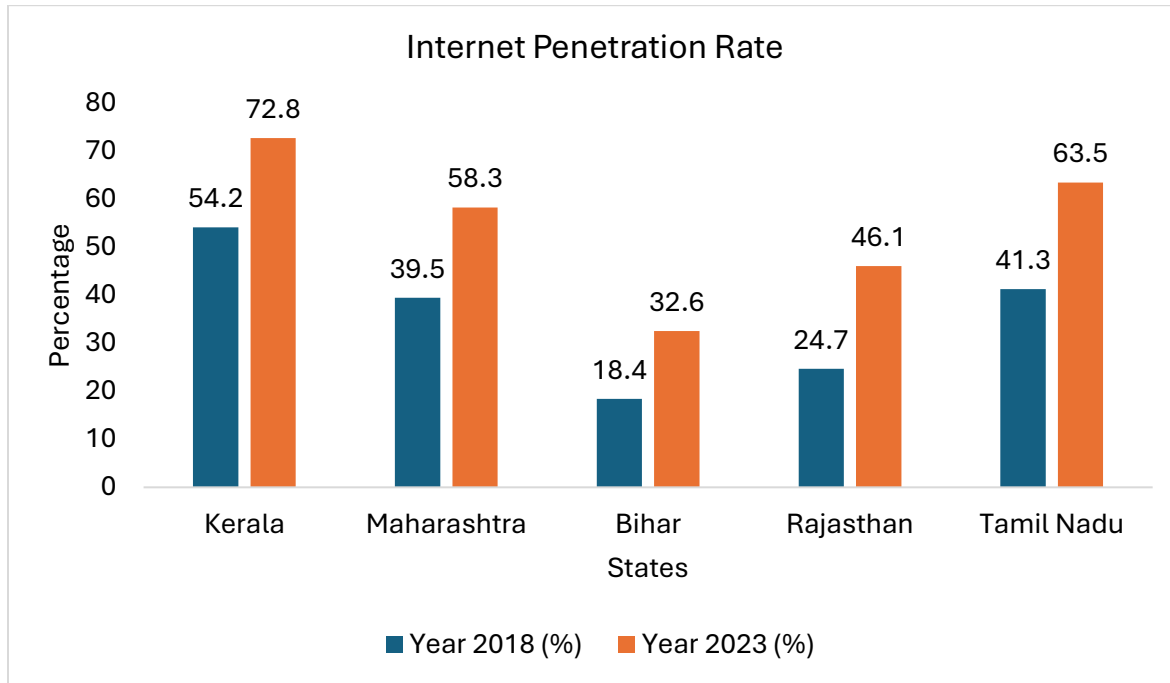


Figure 1: Internet Penetration Rate (%) by State

11. Identify the state with the lowest Internet penetration rate in both 2018 and 2023.

- A. Rajasthan B. Bihar C. Maharashtra D. Kerala

12. Determine which state exhibited the greatest percentage point increase in Internet penetration rate between 2018 and 2023.

- A. Kerala B. Rajasthan C. Tamil Nadu D. Maharashtra

13. Evaluate the following statement: 'In 2023, the total number of Internet users in Tamil Nadu exceeded that in Kerala.'

- A. True B. False C. Cannot be determined from given data D. May be

14. Calculate the percentage point difference in Internet penetration rate between Kerala and Bihar for 2023.

- A. 40.2 B. 35.8 C. 38.4 D. 42.1

15. If the working-age population of Rajasthan is 42 million, calculate the estimated number of Internet users in 2023.

- A. 19.36 million B. 16.84 million C. 22.10 million D. 18.50 million

## PART D: Analytical Interpretation

Table 4 below presents the Revenue data (in crore INR) for four companies from 2019 to 2023. Using the information in Table 4, answer questions 16 to 20 that follow.

**Table 4: Annual Revenue for Selected Companies (in crore INR)**

Company	2019	2020	2021	2022	2023
Alpha Corp	4500	4200	4800	5100	5600
Beta Ltd	3100	3400	3300	3700	4200
Gamma Inc	6200	5900	5600	5400	5100
Delta Co	2800	3000	3500	4100	4800

**16. Identify the company which experienced a continuous decline in revenue from 2019 to 2023.**

A. Alpha Corp   B. Beta Ltd   C. Gamma Inc   D. Delta Co

**17. Identify the company whose revenue has increased continuously from 2019 to 2023.**

A. Alpha Corp   B. Beta Ltd   C. Gamma Inc   D. Delta Co

**18. Calculate the per-employee revenue of Alpha Corp in 2023, assuming it has 2800 employees (in Crores INR per employee).**

A. 1.96   B. 2.00   C. 2.15   D. 1.85

**19. Determine the percentage increase in Delta Co's revenue from 2019 to 2023.**

A. 60.5%   B. 68.5%   C. 71.4%   D. 75.0%

**20. Assuming Beta Ltd's growth rate from 2022 to 2023 continues into 2024, calculate its projected 2024 revenue (in crore INR, rounded to the nearest integer).**

A. 4768   B. 4900   C. 5010   D. 4650

## PART E: Analysing Comprehension

Read the following paragraph and answer questions 21 to 25 below.

Priya is a student who appeared in five subjects in her school exam. She scored 71, 86, 60, 90, and 78 marks out of 100 in Mathematics, Science, English, Social Studies, and Hindi respectively. The passing mark for each subject is 50. Bonus marks of 5 were added to her Science and Hindi scores after evaluation. Each subject carries equal weightage.

**21. Calculate Priya's total marks across all five subjects (before bonus marks).**

A. 375    B. 385    C. 395    D. 365

**22. What is Priya's average score (after adding bonus marks) across all five subjects?**

A. 78    B. 79    C. 80    D. 81

**23. Identify the subject in which Priya scored the highest marks (after bonus marks).**

A. Science    B. Social Studies    C. Hindi    D. Mathematics

**24. Calculate the percentage of subjects in which Priya scored 80 or above (after bonus marks).**

A. 20%    B. 40%    C. 60%    D. 80%

**25. If Priya's total marks (after bonus) are converted to a percentage out of 500, what is her overall percentage?**

A. 77%    B. 78%    C. 79%    D. 80%