

Data interpretation questions with answers

12 exam-shaped questions with full worked solutions.

For IBPS · SBI · SSC · Railway quant.

Free, share it forward. Every question in this set was generated and verified by the ComputePrep engine — the same one behind the free daily timed drill at **computeprep.com**.

The questions

Work them on paper first. Full solutions start after question 12 — the numbering matches.

QUESTION 1

By how much does Returns differ between 2022 and 2023?

Units sold and returned by a distributor: (figures in units) Year Sales Returns 2021 80 10 2022 80 80 2023 130 70

- A. 80
 - B. 9
 - C. 10
 - D. 150
 - E. 3
-

QUESTION 2

How many owner-occupied flats are on the top three floors?

A society has 48 flats, split between owner-occupied and rented out in the ratio 5 : 7. Of the owner-occupied flats, 20% are on the top three floors.

- A. 3
 - B. 28
 - C. 4
 - D. 20
 - E. 16
-

QUESTION 3

What is the combined Sales and Returns for 2021?

Units sold and returned by a distributor: (figures in units) Year Sales Returns 2021 800 50 2022 200 300 2023 350 400 2024 450 150

- A. 1800
 - B. 850
 - C. 800
 - D. 854
 - E. 858
-

QUESTION 4

How many fiction books are hardcover?

A bookshop stocks 160 books, split between fiction and non-fiction in the ratio 7 : 9. Of the fiction books, 60% are hardcover.

- A. 28
 - B. 54
 - C. 96
 - D. 70
 - E. 42
-

QUESTION 5

What is the total Women across all 4 branches?

Staff strength at four branches of a bank: (figures in staff) Branch Men Women North 500 100 South 600 50 East 150 350 West 100 400

- A. 911
 - B. 1350
 - C. 2250
 - D. 900
 - E. 903
-

QUESTION 6

How many thali meals were sold on Tuesday?

On Monday a canteen served 840 meals across three lines — thali, à la carte and combo — in the ratio 3 : 4 : 5. On Tuesday, thali sales rose by 10% while the others were unchanged.

- A. 21
 - B. 280
 - C. 210
 - D. 231
 - E. 237
-

QUESTION 7

By how much does Trips differ between R-2 and R-3?

Depot allocation across four routes: (figures in counts) Route Buses Trips R-1 30 70 R-2 90 40 R-3 40 80

- A. 35
 - B. 120
 - C. 26
 - D. 31
 - E. 40
-

QUESTION 8

How many women work part-time?

A company employs 500 employees, of whom 80% are men. Of the women, 20% work part-time.

- A. 80
 - B. 31
 - C. 20
 - D. 400
 - E. 100
-

QUESTION 9

What is the total Attempted across all 4 subjects?

One candidate's mock-test record, by section: (figures in questions) Subject Attempted Correct Quant 100 100 Reasoning 300 400 English 200 150 GA 350 400

- A. 2000
- B. 963
- C. 950
- D. 100
- E. 1050

QUESTION 10**How many women work part-time?**

A company employs 1600 employees, of whom 50% are men. Of the women, 50% work part-time.

- A. 408
 - B. 406
 - C. 800
 - D. 400
 - E. 388
-

QUESTION 11**What is the total Appeared across all 4 centres?**

Candidates at four examination centres: (figures in candidates) Centre Applied Appeared Pune 400 250 Patna 650 150
Kochi 650 350 Jaipur 500 150

- A. 900
 - B. 225
 - C. 250
 - D. 2200
 - E. 886
-

QUESTION 12**How many fiction books are hardcover?**

A bookshop stocks 480 books, split between fiction and non-fiction in the ratio 7 : 9. Of the fiction books, 80% are hardcover.

- A. 42
 - B. 159
 - C. 128
 - D. 168
 - E. 384
-

Answers and worked solutions

Each walkthrough is the engine's own elimination order, step for step — not a reconstruction written after the fact.

SOLUTION 1

Answer: **10**

1. 2022 Returns = 80, 2023 Returns = 70.
 2. Difference = 10 — subtract within one column.
 3. Answer: 10.
-

SOLUTION 2

Answer: **4**

1. The ratio 5 : 7 has 12 parts, so one part = $48 \div 12 = 4$.
 2. Owner-occupied flats = $5 \times 4 = 20$.
 3. 20% of 20 = 4 — take the percentage on the PART, never the total.
 4. Answer: 4.
-

SOLUTION 3

Answer: **850**

1. Read the 2021 row across: $800 + 50$.
 2. Combined = 850.
 3. Answer: 850.
-

SOLUTION 4

Answer: **42**

1. The ratio 7 : 9 has 16 parts, so one part = $160 \div 16 = 10$.
 2. Fiction books = $7 \times 10 = 70$.
 3. 60% of 70 = 42 — take the percentage on the PART, never the total.
 4. Answer: 42.
-

SOLUTION 5

Answer: **900**

1. Add down the Women column: $100 + 50 + 350 + 400$.
 2. Total = 900 — read down the asked column, not across a row.
 3. Answer: 900.
-

SOLUTION 6

Answer: **231**

1. The ratio 3 : 4 : 5 has 12 parts, so one part = $840 \div 12 = 70$.
 2. Monday's thali = $3 \times 70 = 210$.
 3. The rise is 10% of 210 = 21.
 4. Tuesday's thali = $210 + 21 = 231$ — the question asks for the new total, not the change.
 5. Answer: 231.
-

SOLUTION 7

Answer: **40**

1. R-2 Trips = 40, R-3 Trips = 80.
 2. Difference = 40 — subtract within one column.
 3. Answer: 40.
-

SOLUTION 8

Answer: **20**

1. Men = 80% of 500 = 400.
 2. So women = $500 - 400 = 100$ — the question asks about this group, not the first one.
 3. 20% of 100 = 20.
 4. Answer: 20.
-

SOLUTION 9

Answer: **950**

1. Add down the Attempted column: $100 + 300 + 200 + 350$.
 2. Total = 950 — read down the asked column, not across a row.
 3. Answer: 950.
-

SOLUTION 10

Answer: **400**

1. Men = 50% of 1600 = 800.
 2. So women = $1600 - 800 = 800$ — the question asks about this group, not the first one.
 3. 50% of 800 = 400.
 4. Answer: 400.
-

SOLUTION 11

Answer: **900**

1. Add down the Appeared column: $250 + 150 + 350 + 150$.
 2. Total = 900 — read down the asked column, not across a row.
 3. Answer: 900.
-

SOLUTION 12

Answer: **168**

1. The ratio 7 : 9 has 16 parts, so one part = $480 \div 16 = 30$.
 2. Fiction books = $7 \times 30 = 210$.
 3. 80% of 210 = 168 — take the percentage on the PART, never the total.
 4. Answer: 168.
-

One round a day beats one set a month.

A worked set teaches the shape; a clock teaches the speed. ComputePrep serves a free timed round every day, with a streak, a leaderboard and the full walkthrough after every round.

computeprep.com · more banks like this one: computeprep.com/questions/data-interpretation