

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. 70
 - B. 80
 - C. 6
 - D. 10
 - E. 8
-

QUESTION 2

How many walk-in patients are admitted?

A clinic saw 54 patients, split between walk-in and referred in the ratio 4 : 5. Of the walk-in patients, 25% are admitted.

- A. 6
 - B. 24
 - C. 18
 - D. 9
 - E. 30
-

QUESTION 3

What is the combined Attempted and Correct for English?

One candidate's mock-test record, by section: (figures in questions) Subject Attempted Correct Quant 550 350 Reasoning 150 200 English 350 200 GA 300 150

- A. 550
 - B. 1350
 - C. 560
 - D. 562
 - E. 350
-

QUESTION 4

How many pens units were sold on Tuesday?

On Monday a stationery shop sold 220 units across three lines — pens, notebooks and bags — in the ratio 2 : 3 : 5. On Tuesday, pens sales rose by 25% while the others were unchanged.

- A. 44
 - B. 33
 - C. 55
 - D. 66
 - E. 11
-

QUESTION 5**What is the average Card per store?**

Transactions handled by four stores in a week: (figures in transactions) Store Cash Card S-1 750 450 S-2 300 300 S-3 600 50 S-4 150 200

- A. 1000
 - B. 450
 - C. 252
 - D. 257
 - E. 250
-

QUESTION 6**How many owner-occupied flats are on the top three floors?**

A society has 100 flats, split between owner-occupied and rented out in the ratio 2 : 3. Of the owner-occupied flats, 25% are on the top three floors.

- A. 9
 - B. 20
 - C. 7
 - D. 25
 - E. 10
-

QUESTION 7**By how much does Online differ between Feb and Mar?**

Orders received by a retailer, by channel: (figures in orders) Month Online In-store Jan 120 40 Feb 110 50 Mar 70 90

- A. 40
 - B. 36
 - C. 180
 - D. 37
 - E. 110
-

QUESTION 8**How many monthly subscribers renewed early?**

A streaming service has 600 members, of whom 75% are annual subscribers. Of the monthly subscribers, 20% renewed early.

- A. 30
 - B. 33
 - C. 150
 - D. 90
 - E. 120
-

QUESTION 9**What is the combined Cash and Card for S-1?**

Transactions handled by four stores in a week: (figures in transactions) Store Cash Card S-1 200 150 S-2 750 450 S-3 650 450 S-4 750 150

- A. 1200
 - B. 200
 - C. 2350
 - D. 350
 - E. 361
-

QUESTION 10**How many fiction books are hardcover?**

A bookshop stocks 240 books, split between fiction and non-fiction in the ratio 5 : 7. Of the fiction books, 75% are hardcover.

- A. 180
 - B. 25
 - C. 75
 - D. 68
 - E. 69
-

QUESTION 11**What is the total Men across all 4 branches?**

Staff strength at four branches of a bank: (figures in staff) Branch Men Women North 300 200 South 350 250 East 400 250 West 100 100

- A. 300
 - B. 800
 - C. 1150
 - D. 1137
 - E. 288
-

QUESTION 12**How many tablets packs were sold on Tuesday?**

On Monday a pharmacy dispensed 480 packs across three lines — tablets, syrups and ointments — in the ratio 3 : 4 : 5. On Tuesday, tablets sales fell by 40% while the others were unchanged.

- A. 48
 - B. 168
 - C. 92
 - D. 120
 - E. 72
-

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: **6**

1. The ratio 4 : 5 has 9 parts, so one part = $54 \div 9 = 6$.
 2. Walk-in patients = $4 \times 6 = 24$.
 3. 25% of 24 = 6 — take the percentage on the PART, never the total.
 4. Answer: 6.
-

SOLUTION 3

Answer: **550**

1. Read the English row across: $350 + 200$.
 2. Combined = 550.
 3. Answer: 550.
-

SOLUTION 4

Answer: **55**

1. The ratio 2 : 3 : 5 has 10 parts, so one part = $220 \div 10 = 22$.
 2. Monday's pens = $2 \times 22 = 44$.
 3. The rise is 25% of 44 = 11.
 4. Tuesday's pens = $44 + 11 = 55$ — the question asks for the new total, not the change.
 5. Answer: 55.
-

SOLUTION 5

Answer: **250**

1. Column total = $450 + 300 + 50 + 200 = 1000$.
 2. Average = $1000 \div 4 = 250$ — divide by the number of rows, not by the number of columns.
 3. Answer: 250.
-

SOLUTION 6

Answer: **10**

1. The ratio 2 : 3 has 5 parts, so one part = $100 \div 5 = 20$.
 2. Owner-occupied flats = $2 \times 20 = 40$.
 3. 25% of 40 = 10 — take the percentage on the PART, never the total.
 4. Answer: 10.
-

SOLUTION 7

Answer: **40**

1. Feb Online = 110, Mar Online = 70.
 2. Difference = 40 — subtract within one column.
 3. Answer: 40.
-

SOLUTION 8

Answer: **30**

1. Annual subscribers = 75% of 600 = 450.
 2. So monthly subscribers = $600 - 450 = 150$ — the question asks about this group, not the first one.
 3. 20% of 150 = 30.
 4. Answer: 30.
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SOLUTION 9

Answer: **350**

1. Read the S-1 row across: $200 + 150$.
 2. Combined = 350.
 3. Answer: 350.
-

SOLUTION 10

Answer: **75**

1. The ratio 5 : 7 has 12 parts, so one part = $240 \div 12 = 20$.
 2. Fiction books = $5 \times 20 = 100$.
 3. 75% of 100 = 75 — take the percentage on the PART, never the total.
 4. Answer: 75.
-

SOLUTION 11

Answer: **1150**

1. Add down the Men column: $300 + 350 + 400 + 100$.
 2. Total = 1150 — read down the asked column, not across a row.
 3. Answer: 1150.
-

SOLUTION 12

Answer: **72**

1. The ratio 3 : 4 : 5 has 12 parts, so one part = $480 \div 12 = 40$.
 2. Monday's tablets = $3 \times 40 = 120$.
 3. The fall is 40% of 120 = 48.
 4. Tuesday's tablets = $120 - 48 = 72$ — the question asks for the new total, not the change.
 5. Answer: 72.
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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.

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