

Profit and loss questions with answers

15 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 15 — the numbering matches.

QUESTION 1

What is the selling price?

An article costs ₹500 and is sold at a profit of 12%.

- A. 60
 - B. 564
 - C. 560
 - D. 575
 - E. 574
-

QUESTION 2

What is the loss percentage?

An article bought for ₹500 is sold for ₹440.

- A. 14
 - B. 12
 - C. 10
 - D. 7
 - E. 62
-

QUESTION 3

What is the profit percentage?

An article bought for ₹1300 is sold for ₹1430.

- A. 6
 - B. 9
 - C. 5
 - D. 60
 - E. 10
-

QUESTION 4

What was the cost price?

An article is sold for ₹1840, at a profit of 15%.

- A. 1603
 - B. 1840
 - C. 2080
 - D. 1564
 - E. 1600
-

QUESTION 5**What does a customer actually pay?**

A jacket is marked at ₹1200. The shop allows a discount of 20%.

- A. 1440
 - B. 240
 - C. 967
 - D. 1200
 - E. 960
-

QUESTION 6**What is the selling price?**

An article costs ₹3000 and is sold at a loss of 50%.

- A. 1488
 - B. 1499
 - C. 1500
 - D. 1494
 - E. 4500
-

QUESTION 7**What is the selling price?**

An article costs ₹400 and is sold at a profit of 40%.

- A. 564
 - B. 560
 - C. 160
 - D. 561
 - E. 562
-

QUESTION 8**What does a customer actually pay?**

A jacket is marked at ₹2240. The shop allows a discount of 25%.

- A. 1670
 - B. 560
 - C. 1673
 - D. 1675
 - E. 1680
-

QUESTION 9**What is the selling price?**

An article costs ₹5200 and is sold at a loss of 15%.

- A. 5215
 - B. 780
 - C. 5200
 - D. 4420
 - E. 5980
-

QUESTION 10**What was the cost price?**

An article is sold for ₹7360, at a profit of 15%.

- A. 6400
 - B. 6256
 - C. 8320
 - D. 7360
 - E. 6407
-

QUESTION 11**What is the profit percentage?**

An article bought for ₹1500 is sold for ₹1680.

- A. 12
 - B. 7
 - C. 5
 - D. 11
 - E. 32
-

QUESTION 12**What is the profit percentage?**

An article bought for ₹4000 is sold for ₹6000.

- A. 45
 - B. 50
 - C. 41
 - D. 33
 - E. 2000
-

QUESTION 13**What does a customer actually pay?**

A jacket is marked at ₹750. The shop allows a discount of 20%.

- A. 588
 - B. 592
 - C. 590
 - D. 150
 - E. 600
-

QUESTION 14**What is the selling price?**

An article costs ₹1600 and is sold at a profit of 5%.

- A. 1688
 - B. 1680
 - C. 80
 - D. 1520
 - E. 1681
-

QUESTION 15**What is the selling price?**

An article costs ₹1400 and is sold at a loss of 20%.

- A. 280
 - B. 1118
 - C. 1680
 - D. 1400
 - E. 1120
-

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: **560**

1. Profit = 12% of ₹500 = ₹60.
 2. SP = ₹500 + ₹60 = ₹560.
 3. Answer: 560.
-

SOLUTION 2

Answer: **12**

1. Loss = ₹500 – ₹440 = ₹60.
 2. Percentage = ₹60 ÷ ₹500 × 100 = 12% — divide by the COST price.
 3. Answer: 12.
-

SOLUTION 3

Answer: **10**

1. Profit = ₹1430 – ₹1300 = ₹130.
 2. Percentage = ₹130 ÷ ₹1300 × 100 = 10% — divide by the COST price.
 3. Answer: 10.
-

SOLUTION 4

Answer: **1600**

1. A profit of 15% means SP = 115% of CP.
 2. So CP = ₹1840 × 100 ÷ 115 = ₹1600 — the percentage is always on COST price, never on the selling price.
 3. Answer: 1600.
-

SOLUTION 5

Answer: **960**

1. Discount = 20% of ₹1200 = ₹240.
 2. Amount paid = ₹1200 – ₹240 = ₹960 — the discount is the reduction, not the price.
 3. Answer: 960.
-

SOLUTION 6

Answer: **1500**

1. Loss = 50% of ₹3000 = ₹1500.
 2. SP = ₹3000 – ₹1500 = ₹1500.
 3. Answer: 1500.
-

SOLUTION 7

Answer: **560**

1. Profit = 40% of ₹400 = ₹160.
2. SP = ₹400 + ₹160 = ₹560.
3. Answer: 560.

SOLUTION 8

Answer: **1680**

1. Discount = 25% of ₹2240 = ₹560.
 2. Amount paid = ₹2240 – ₹560 = ₹1680 — the discount is the reduction, not the price.
 3. Answer: 1680.
-

SOLUTION 9

Answer: **4420**

1. Loss = 15% of ₹5200 = ₹780.
 2. SP = ₹5200 – ₹780 = ₹4420.
 3. Answer: 4420.
-

SOLUTION 10

Answer: **6400**

1. A profit of 15% means SP = 115% of CP.
 2. So CP = ₹7360 × 100 ÷ 115 = ₹6400 — the percentage is always on COST price, never on the selling price.
 3. Answer: 6400.
-

SOLUTION 11

Answer: **12**

1. Profit = ₹1680 – ₹1500 = ₹180.
 2. Percentage = ₹180 ÷ ₹1500 × 100 = 12% — divide by the COST price.
 3. Answer: 12.
-

SOLUTION 12

Answer: **50**

1. Profit = ₹6000 – ₹4000 = ₹2000.
 2. Percentage = ₹2000 ÷ ₹4000 × 100 = 50% — divide by the COST price.
 3. Answer: 50.
-

SOLUTION 13

Answer: **600**

1. Discount = 20% of ₹750 = ₹150.
 2. Amount paid = ₹750 – ₹150 = ₹600 — the discount is the reduction, not the price.
 3. Answer: 600.
-

SOLUTION 14

Answer: **1680**

1. Profit = 5% of ₹1600 = ₹80.
 2. SP = ₹1600 + ₹80 = ₹1680.
 3. Answer: 1680.
-

SOLUTION 15

Answer: **1120**

1. Loss = 20% of ₹1400 = ₹280.
 2. SP = ₹1400 – ₹280 = ₹1120.
 3. Answer: 1120.
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