ComputePrep

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 profit made on it?

An article costs a shopkeeper ₹1600. It is marked 80% above cost, and then a discount of 25% is allowed on the marked price.

A. 548
B. 559
C. 560
D. 554
E. 880

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 made on it?

An article costs a shopkeeper ₹5100. It is marked 80% above cost, and then a discount of 5% is allowed on the marked price.

A. 4080
B. 3591
C. 459
D. 3621
E. 3825

QUESTION 13

What is the loss percentage?

An article bought for ₹500 is sold for ₹250.

A. 55
B. 100
C. 250
D. 50
E. 45

QUESTION 14

What is the selling price?

An article costs ₹700 and is sold at a profit of 50%.

A. 1050
B. 350
C. 1062
D. 750
E. 700

QUESTION 15

What is the loss percentage?

An article bought for ₹800 is sold for ₹600.

A. 20

B. 33

C. 30

D. 25

E. 200

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: **560**

1. Marked price = ₹1600 × 180/100 = ₹2880.
2. Discount 25% is on the MARKED price: ₹2880 × 75/100 = ₹2160.
3. Profit = ₹2160 − ₹1600 = ₹560 (35% of cost).
4. Answer: 560.

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: **3621**

1. Marked price = ₹5100 × 180/100 = ₹9180.
2. Discount 5% is on the MARKED price: ₹9180 × 95/100 = ₹8721.
3. Profit = ₹8721 − ₹5100 = ₹3621 (71% of cost).
4. Answer: 3621.

SOLUTION 13

Answer: **50**

1. Loss = ₹500 − ₹250 = ₹250.
2. Percentage = ₹250 ÷ ₹500 × 100 = 50% — divide by the COST price.
3. Answer: 50.

SOLUTION 14

Answer: **1050**

1. Profit = 50% of ₹700 = ₹350.
2. SP = ₹700 + ₹350 = ₹1050.
3. Answer: 1050.

SOLUTION 15

Answer: **25**

1. Loss = ₹800 − ₹600 = ₹200.
2. Percentage = ₹200 ÷ ₹800 × 100 = 25% — divide by the COST price.
3. Answer: 25.

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