Part 1: Quantitative Aptitude - Interview Cracker Guide

# Arithmetic

This section covers Percentages, Profit & Loss, Simple and Compound Interest, Time-Speed-Distance, and Time & Work. Each chapter includes 50–100 MCQs with detailed solutions.

1. Q1. A man bought an article for Rs. 500 and sold it at a profit of 20%. What is the selling price?

* A) Rs. 550
* B) Rs. 600
* C) Rs. 620
* D) Rs. 700

Answer: B) Rs. 600

Solution: Profit = 20% of 500 = 100. Selling Price = 500 + 100 = Rs. 600.

1. Q2. A train 150 m long passes a pole in 15 seconds. What is its speed?

* A) 5 m/s
* B) 8 m/s
* C) 10 m/s
* D) 12 m/s

Answer: C) 10 m/s

Solution: Speed = Distance/Time = 150/15 = 10 m/s.

# Algebra, Geometry, Trigonometry

This section contains 50–100 MCQs each from Algebra, Geometry, and Trigonometry with detailed solutions.

1. Q1. If x + 1/x = 2, then find x² + 1/x².

* A) 2
* B) 3
* C) 4
* D) 5

Answer: A) 2

Solution: (x + 1/x)² = x² + 1/x² + 2 = 4 → x² + 1/x² = 2.

# Data Interpretation

This section includes Tables, Graphs, Caselets, Pie Charts, and Bar Graphs with 100+ solved MCQs.

1. Q1. In a class, 60% are boys and 40% are girls. If there are 120 students, how many boys are there?

* A) 40
* B) 60
* C) 72
* D) 80

Answer: C) 72

Solution: 60% of 120 = 72 boys.