General Instructions:

1. This question paper consists of **15 multiple-choice questions (MCQs)**.

2. Each question carries **1 mark**. The maximum marks for this test are **15**.

3. The total time allowed to complete this test is **20 minutes**.

4. All questions are compulsory.

5. Each question has **four options (A), (B), (C), and (D)**. Only one option is correct.

6. Students must choose the **most appropriate option** for each question.

7. No marks will be deducted for incorrect answers.

8. Calculators and other electronic devices are **not permitted**.

9. Rough work should be done neatly in the space provided (if any).

10. Read each question carefully before answering.

Instructions

- Each question carries 1 mark.
- Attempt all questions.
- No negative marking.

Questions

Q1: If $6 : 11 = 42 : x$, then the value of x is:

    (a) 66

    (b) 77

    (c) 88

    (d) 99

Q2: The ratio of 1 hour 15 minutes to 45 minutes is:

    (a) 3:1

    (b) 5:3

    (c) 7:3

    (d) 9:5

Q3: 42% of 600 is equal to:

    (a) 210

    (b) 240

    (c) 252

    (d) 280

Q4: What percentage is 84 of 350?

    (a) 20%

    (b) 24%

(c) 28%

(d) 32%

Q5: A number is increased by 22% and then decreased by 22%. The net change in the number is:

(a) 0%

(b) 4.42% decrease

(c) 4.42% increase

(d) 22% decrease

Q6: The price of a laptop is reduced by 12%. If the original price was Rs.45,000, the new price is:

(a) Rs.39,600

(b) Rs.40,000

(c) Rs.40,500

(d) Rs.41,000

Q7: If the cost price of a chair is Rs.1,500 and the selling price is Rs.1,875, the profit percentage is:

(a) 15%

(b) 20%

(c) 25%

(d) 30%

Q8: A merchant sells a table for Rs.2,400 at a loss of 25%. The cost price of the table is:

(a) Rs.2,800

(b) Rs.3,000

(c) Rs.3,200

(d) Rs.3,600

Q9: The simple interest on Rs.1,800 for 5 years at 8% per annum is:

(a) Rs.540

(b) Rs.600

(c) Rs.720

(d) Rs.800

Q10: If the principal is Rs.3,500, the rate is 10% per annum, and the time is 2 years, the simple interest is:

(a) Rs.600

(b) Rs.700

(c) Rs.800

(d) Rs.900

Q11: In a village of 800 people, 35% are children. The number of adults is:

(a) 420

(b) 480

(c) 520

(d) 560

Q12: A car travels 300 km in 5 hours. If it travels at the same speed, the distance covered in 3 hours is:

(a) 150 km

(b) 160 km

(c) 180 km

(d) 200 km

Q13: The ratio of red to blue marbles in a bag is 4:7. If there are 66 marbles in total, the number of red marbles is:

(a) 18

(b) 20

(c) 24

(d) 28

Q14: A shop offers a 20% discount on a camera priced at Rs.5,000. The selling price of the camera is:

(a) Rs.3,800

(b) Rs.4,000

(c) Rs.4,200

(d) Rs.4,500

Q15: The value of a machine depreciates by 10% every year. If the current value is Rs.50,000, the value after 2 years will be:

(a) Rs.40,000

(b) Rs.40,500

(c) Rs.42,000

(d) Rs.45,000