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 $5 : 8 = 35 : x$, then the value of x is:

    (a) 48

    (b) 56

    (c) 64

    (d) 72

Q2: The ratio of 45 minutes to 2 hours is:

    (a) 3:4

    (b) 3:8

    (c) 4:3

    (d) 8:3

Q3: 35% of 400 is equal to:

    (a) 120

    (b) 140

    (c) 160

    (d) 180

Q4: What percentage is 60 of 240?

    (a) 20%

    (b) 25%

(c) 30%

(d) 35%

Q5: A number is increased by 15% and then decreased by 15%. The net change in the number is:

(a) 0%

(b) 2.25% decrease

(c) 2.25% increase

(d) 15% decrease

Q6: The price of a mobile phone is reduced by 8%. If the original price was Rs.12,500, the new price is:

(a) Rs.11,500

(b) Rs.11,600

(c) Rs.11,700

(d) Rs.11,800

Q7: If the cost price of a bicycle is Rs.3,000 and the selling price is Rs.3,600, the profit percentage is:

(a) 15%

(b) 18%

(c) 20%

(d) 25%

Q8: A farmer sells a cow for Rs.8,000 at a loss of 20%. The cost price of the cow is:

(a) Rs.9,000

(b) Rs.10,000

(c) Rs.11,000

(d) Rs.12,000

Q9: The simple interest on Rs.1,200 for 4 years at 6% per annum is:

(a) Rs.288

(b) Rs.300

(c) Rs.312

(d) Rs.320

Q10: If the principal is Rs.2,500, the rate is 12% per annum, and the time is 1.5 years, the simple interest is:

(a) Rs.360

(b) Rs.400

(c) Rs.450

(d) Rs.500

Q11: In a school of 600 students, 22% are girls. The number of boys is:

(a) 420

(b) 440

(c) 468

(d) 480

Q12: A bus travels 240 km in 4 hours. If it travels at the same speed, the distance covered in 3 hours is:

(a) 160 km

(b) 180 km

(c) 200 km

(d) 220 km

Q13: The ratio of milk to water in a mixture is 7:3. If there are 30 liters of the mixture, the quantity of milk is:

(a) 15 liters

(b) 18 liters

(c) 21 liters

(d) 24 liters

Q14: A shop offers a 15% discount on a dress priced at Rs.1,200. The selling price of the dress is:

(a) Rs.960

(b) Rs.1,000

(c) Rs.1,020

(d) Rs.1,080

Q15: The salary of an employee is increased by 10% every year. If the current salary is Rs.25,000, the salary after 2 years will be:

(a) Rs.27,500

(b) Rs.28,500

(c) Rs.29,500

(d) Rs.30,000