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.

Questions

Q1: If $3 : 5 = x : 20$, then the value of x is:

    (a) 10

    (b) 12

    (c) 15

    (d) 18

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

    (a) 4:3

    (b) 8:3

    (c) 3:8

    (d) 3:4

Q3: 25% of 200 is equal to:

    (a) 40

    (b) 50

    (c) 60

    (d) 70

Q4: What percentage is 15 of 75?

    (a) 10%

    (b) 20%

    (c) 25%

    (d) 30%

Q5: A number is increased by 20% and then decreased by 20%. The net change in the number is:

    (a) 0%

(b) 4% decrease

(c) 4% increase

(d) 20% decrease

Q6: The price of a book is reduced by 15%. If the original price was Rs.200, the new price is:

(a) Rs.160

(b) Rs.170

(c) Rs.180

(d) Rs.190

Q7: If the cost price of an article is Rs.80 and the selling price is Rs.100, the profit percentage is:

(a) 15%

(b) 20%

(c) 25%

(d) 30%

Q8: A shopkeeper sells a toy for Rs.120 at a loss of 20%. The cost price of the toy is:

(a) Rs.140

(b) Rs.150

(c) Rs.160

(d) Rs.180

Q9: The simple interest on Rs.500 for 2 years at 5% per annum is:

(a) Rs.40

(b) Rs.50

(c) Rs.60

(d) Rs.70

Q10: If the principal is Rs.1000, the rate is 10% per annum, and the time is 3 years, the simple interest is:

(a) Rs.200

(b) Rs.300

(c) Rs.400

(d) Rs.500

Q11: In a class of 40 students, 25% are absent. The number of students present is:

(a) 20

(b) 25

(c) 30

(d) 35

Q12: A car travels 60 km in 1 hour. If it travels at the same speed, the distance covered in 45 minutes is:

(a) 30 km

(b) 40 km

(c) 45 km

(d) 50 km

Q13: The ratio of boys to girls in a school is 3:2. If there are 1200 students, the number of girls is:

(a) 400

(b) 480

(c) 600

(d) 720

Q14: A man spends 30% of his salary on rent, 20% on food, and saves the rest. If his salary is Rs.15,000, his savings are:

(a) Rs.5,000

(b) Rs.6,000

(c) Rs.7,000

(d) Rs.8,000

Q15: The price of a shirt is increased by 10% and then decreased by 10%. The final price is:

(a) Equal to the original price

(b) 1% less than the original price

(c) 1% more than the original price

(d) 10% less than the original price