Q1. Simplify: **2 Marks**

$9 \times (-16) + (-17) \times (-16)$

Q2. Rohit deposited Rs. 125000 in his savings bank account. Later he withdrew Rs. 35425 from it. How much money was left in his account? **2 Marks**

Q3. Determine the following products by suitable rearrangements : **2 Marks**

$2 \times 1658 \times 50$

Q4. Subtract the sum of -1050 and 813 from -23. **2 Marks**

Q5. Determine the following products by suitable rearrangements : **2 Marks**

$625 \times 20 \times 8 \times 50$

Q6. The sum of two integers is -13. If one of the numbers is 170, find the other. **2 Marks**

Q7. Find the value of the following:

$54279 \times 92 + 8 \times 54279$

Q8. Simplify:

$(-9) \times 18 - (-9) \times 8$

Q9. Calculate:

$1 - 2 + 3 - 4 + 5 - 6 + 7 - 8 + \ldots + 49 - 50$

Q10. Simplify:

$36 - [18 - \{14 - (15 - 4 \div 2 \times 2)\}]$

Q11. Simplify:

$5\frac{1}{7} - \left\{ 3\frac{3}{10} \div \left(2\frac{4}{5} - \frac{7}{10} \right) \right\}$

Q12. Simplify:

$4\frac{4}{5} \div \frac{3}{5} \text{ of } 5 + \frac{4}{5} \times \frac{3}{10} - 1\frac{1}{5}$

Q13. The population of a town was 110500. In one year it increased by 3608 due to new births. However, 8973 persons died or left the town during the year. What was the population at the end of the year? **3 Marks**

Q14. A man bought some pencils for Rs. 30 and some pens for Rs. 90. The next day, he again bought some pencils for Rs. 25. Then he sold all the pencils for Rs. 20 and the pens for Rs. 70. What was his net gain or loss?

3 Marks

Q15. Mrs. Saxena withdrew Rs. 100000 from her bank account. She purchased a TV set for Rs. 38750, a refrigerator for Rs. 23890 and jewelry worth Rs. 35560. How much money was left with her?

3 Marks

Q16. Simplify:

$\left(\frac{2}{3} + \frac{4}{9}\right)$ of $\frac{3}{5} \div 1\frac{2}{3} \times 1\frac{1}{4} - \frac{1}{3}$

3 Marks

Q17. Replace * by correct digit in the following:

$$5\ 0\ 0\ 1\ 0\ 0\ 3$$
$$-\ *\ *\ 6\ 9\ 8\ 7$$
$$\overline{\ 4\ 8\ 4\ *\ *\ *\ *\ }$$

3 Marks

Q18. Simplify:

$4\frac{1}{10} - \left[2\frac{1}{2} - \left\{\frac{5}{6} - \left(\frac{2}{5} + \frac{3}{10} - \frac{4}{15}\right)\right\}\right]$

3 Marks

Q19. Simplify:

$9\frac{3}{4} \div \left[2\frac{1}{6} + \left\{4\frac{1}{3} - \left(1\frac{1}{2} + 1\frac{3}{4}\right)\right\}\right]$

Q20. Observe the pattern in the following and fill in the blanks:

   i. 9 × 9 + 7 = 88
  ii. 98 × 9 + 6 = 888
 iii. 987 × 9 + 5 = 8888
 iv. 9876 × 9 + 4 = _____
  v. 98765 × 9 + 3 = _____
 vi. 987654 × 9 + 2 = _____
vii. 9876543 × 9 + 1 = _____