General Instructions :

(i)   All questions are compulsory.

(ii) This question paper contains 30 questions divided into four sections A,B,C & D.

(iii) **Section A** comprise of 6 questions of 1Marks each. **Section B** comprise of 6 questions of 2 Marks each. **Section C** comprise of 10 questions of 3Marks each and **Section D** comprise of 8 questions of 4 Marks each.

(iv) Use calculators is not permitted.

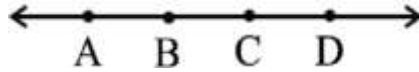| COMP	Section A (6)	Section B (12)	Section C (30)	Section D (32)	Total (80)	Teacher's sign
MARKS						

SECTION – A

1. Write the names of number 87595762 according to Indian System of Numeration.

2. Find the common factors of 20 and 28

3. What does the angle made by the hour hand of the clock look like when it moves from 5 to 7.

4. What fraction of a day is 8 hours?

5. Write equivalent fraction of   having 44 denometer.
6. Find the product of successor and predecessor of 999.

SECTION – B

7. Find the value of the following:
   (a) $297 \times 17 + 297 \times 3$ (b) $42 \times 92 + 8 \times 42$

8. Express each of the following number as the sum of odd primes (a) 21 (b) 53.

9. Reduce the following fractions to simplest form : (i) $\dfrac{50}{}$ __ (ii) $\dfrac{20}{40}$

10. Estimate the product 5981×4428 by rounding off each number to the nearest (i) tens (ii) hundreds

11. Name the line given in all possible (twelve) ways, choosing only two letters at a time from the four given.

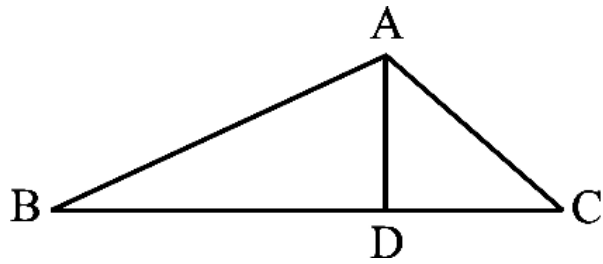**12.** Represent the following numbers on a number line : (a) + 5 (b) – 10

SECTION – C

13. Write in Roman Numerals (a) 69 (b) 98 (c) 55

14. Draw a rough sketch of a quadrilateral PQRS. Draw its diagonals. Name them. Is the meeting point of the diagonals in the interior or exterior of the quadrilateral?

15. Arrange the fractions $\frac{2}{3}, \frac{3}{4}, \frac{1}{2}$ and $\frac{5}{6}$ in ascending order.

16. Solve

17. Find the product using suitable properties.
(a) 738×103 (b) 854×102

18. (a) Identify three triangles in the figure.
  i) Write the names of seven angles.
  ii) Write the names of six line segments.

19. Find
(a) $(-7) - 8 - (-25)$
(b) $(-13) + 32 - 8 - 1$
(c) $(-7) + (-8) + (-90)$

20. Using divisibility tests, determine which of following two numbers are divisible by 6: (a) 297144 (b) 1258
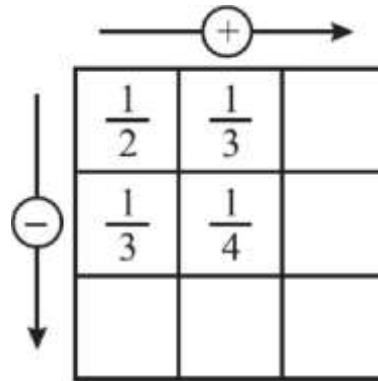
21. $(-42) + \boxed{} = 30$

22. Name the types of following triangles :
(a) Triangle with lengths of sides 7 cm, 8 cm and 9 cm.
(b) $\triangle$ ABC with AB = 8.7 cm, AC = 7 cm and BC = 6 cm.
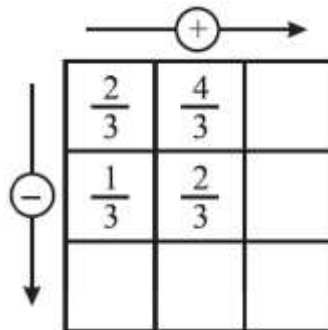(c) $\triangle$ PQR such that PQ = QR = PR = 5 cm.

SECTION – D

23. Kirti bookstore sold books worth Rs 2,85,891 in the first week of June and books worth Rs 4,00,768 in the second week of the month. How much was the sale for the two weeks together? In which week was the sale greater and by how much?

24. The school canteen charges Rs 20 for lunch and Rs 4 for milk for each day. How much money do you spend in 5 days on these things? How many days can be paid for charges with the money Rs. 600.

25. Complete the addition-subtraction box.

	$+$	
$\frac{1}{2}$	$\frac{1}{3}$	
$\frac{1}{3}$	$\frac{1}{4}$	

(with $-$ operating downward on the left)

26. Find the HCF 24 and 36.

27. Complete the addition-subtraction box

	$+$	
$\frac{2}{3}$	$\frac{4}{3}$	
$\frac{1}{3}$	$\frac{2}{3}$	

(with $-$ operating downward on the left)

28. A taxidriver filled his car petrol tank with 40 liters of petrol on Monday. The next day, he filled the tank with 50 liters of petrol. If the petrol costs Rs 44 per liter, how much did he spend in all on petrol?

29. Using the number line write the integer which is : (a) 3 more than 5 (b) 5 more than –5

30. A bus started its journey and reached different places with a speed of 60 km/hour. The journey is shown below figure.
   i) Find the total distance covered by the bus, if it starts from A and returns back to A.
   ii) Can you find the difference of distances from C to D and D to E?

4170 km
1290 km
2550 km
4830 km
3410 km
2160 km
8140 km