

SECTION - 1

1. $28432 + 47196 =$ _____
 (a) 75638 (b) 75728
 (c) 74628 (d) 75628
2. $75421 - 4039 =$ _____
 (a) 71372 (b) 71382
 (c) 71392 (d) 71482
3. $7491 + 1846 - 789 =$ _____
 (a) 9337 (b) 8648
 (c) 8548 (d) 8588
4. $6518 - (697 + 496) =$ _____
 (a) 5225 (b) 5235
 (c) 5325 (d) 5335
5.
$$\begin{array}{r} 2\ 6\ 8\ 9 \\ +\ 4\ 2\ 3\ 1 \\ +\ 2\ 0\ 1\ 0 \\ +\ 1\ 4\ 8\ 0 \\ +\ 1\ 9\ 6\ 0 \\ \hline \\ \hline \end{array}$$

 (a) 12370 (b) 12320
 (c) 12330 (d) 13370
6. $(12 + 13 + 15 + 18 + 9) + \square = 100$
 (a) 31 (b) 33
 (c) 23 (d) 43
7. $75 \times 42 =$ _____
 (a) 3115 (b) 3105
 (c) 3150 (d) 3510
8. $7566 \div 13 =$ _____
 (a) 582 (b) 572
 (c) 542 (d) 502
9. If 3618 is divided by 8, leaves remainder _____
 (a) 0 (b) 1
 (c) 2 (d) 3
10. $17 \times 24 + \square = 506$
 (a) 97 (b) 98
 (c) 108 (d) 88
11. $167 - (18 \times \square) = 5$
 (a) 10 (b) 8
 (c) 7 (d) 9
12. There are ____ prime numbers between 54 and 84
 (a) 8 (b) 6
 (c) 5 (d) 7
13. The sum of 28th odd number and 19th even number is _____
 (a) 91 (b) 94
 (c) 93 (d) 95
14. Compare : $\frac{6}{13}$ \square $\frac{8}{15}$
 (a) < (b) =
 (c) > (d) None of these

15. Supplementary angle of 133° is _____

- (a) 27° (b) 37°
(c) 47° (d) 57°

16. At 5:50, the angle formed between the two hands of a clock is _____

- (a) obtuse (b) right
(c) acute (d) straight

17. ☺ represent 7 smiley faces, number of ☺ to represent 119 smiley faces is = _____

- (a) 16 (b) 17
(c) 18 (d) 19

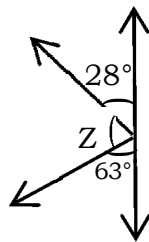
18. Diameter of a circle is 17 cm, its radius = _____

- (a) 8 cm (b) 6.5cm
(c) 7.5 cm (d) 8.5 cm

19. $w = 24$, $z = 16$, $y = 21$, find the value of $z \div w \times y$

- (a) 14 (b) 15
(c) 16 (d) 12

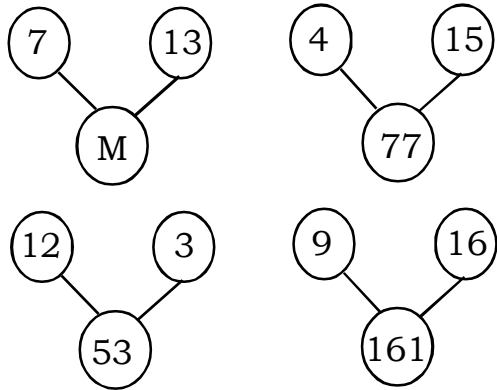
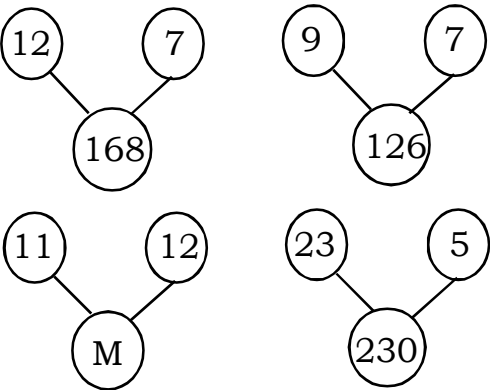
20.



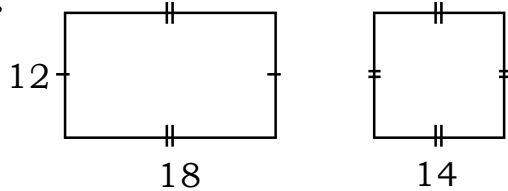
$\angle z =$ _____

- (a) 69° (b) 89°
(c) 79° (d) 99°

SECTION - 2

- 21.** Subtract 41 tens from 73 hundreds and 18 ones. The place value of digit 9 in the result is ____
 (a) 9 ones (b) 9000
 (c) 9 tens (d) 9 hundreds
- 22.** A machine produces 240 pieces of goods in 1 hour. 180 pieces of goods will be produced in how many minutes ?
 (a) 40 (b) 45
 (c) 35 (d) 30
- 23.** The sum of prime numbers between 24 and 59 is ____
 (a) 281 (b) 271
 (c) 340 (d) 261
- 24.** L.C.M of 24 and 42 is ____
 (a) 178 (b) 158
 (c) 166 (d) 168
- 25.** H.C.F of 36 and 48 is ____
 (a) 4 (b) 6
 (c) 12 (d) None of these
- 26.** The sum of all divisors of 54 is ____
 (a) 140 (b) 110
 (c) 130 (d) 120
- 27.** If 23rd December 2003 is Monday, then the day on 23rd April 2004 is ____
 (a) Wednesday (b) Thursday
 (c) Friday (d) Saturday
- 28.** CCIX – LXXII + CVII = ____
 (a) 234 (b) 254
 (c) 264 (d) 244
- 29.** Observe the number bond and find the value of 'M'
- 
- (a) 128 (b) 118
 (c) 108 (d) 115
- 30.**
- 
- (a) 132 (b) 264
 (c) 164 (d) 254

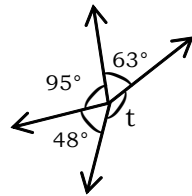
31.



The difference between area of rectangle and square is ____ sq unit.

- (a) 20
- (b) 24
- (c) 15
- (d) 10

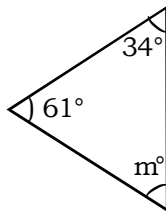
32.



value of $\angle t =$ _____

- (a) 148°
- (b) 164°
- (c) 154°
- (d) 156°

33.



value of $\angle m =$ _____

- (a) 75°
- (b) 85°
- (c) 84°
- (d) 86°

34.

The value of,
 $14 \times 8 - 105 \div 15 - 95$
 is _____

- (a) 9
- (b) 14
- (c) 12
- (d) 10

35.

$\frac{7}{9}$ of 4 yrs 6 months = _____

- (a) 45
- (b) 42
- (c) 44
- (d) 43

36.

The product of the complementary and supplementary angle of 86° is _____

- (a) 376°
- (b) 372°
- (c) 386°
- (d) 366°

37.

If $p = 4$, $q = 5$ and $r = 16$ value of $2p + 3q - r =$ _____

- (a) 5
- (b) 6
- (c) 7
- (d) 8

38.

$8^2 + \square^2 = 17^2$, the number in the \square is _____

- (a) 24
- (b) 23
- (c) 14
- (d) 15

39.

Length of square = 17 m
 \therefore Perimeter = _____

- (a) 68 m
- (b) 64 m
- (c) 62 m
- (d) 78 m

40.

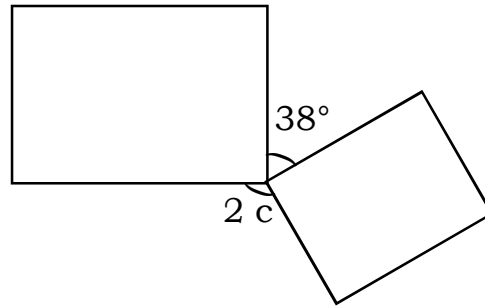
$X + Y = 117$
 $X - Y = 29$, then $X = ?$

- (a) 63
- (b) 73
- (c) 44
- (d) 54

SECTION - 3

41. The adjoining figure shows a rectangle and a square. Value of $\angle c$ = _____

- (a) 73°
(b) 61°
(c) 71°
(d) 142°



42. In a car park, there are 154 cars and some motorcycles. If $\frac{5}{7}$ of the vehicles are motorcycles, find the number of motorcycles ?

- (a) 385 (b) 395 (c) 539 (d) 529

43. A student is punished to run 6 complete rounds around a rectangular field whose length is 23 meters and breadth 11 meters. Calculate the distance run by the student.

- (a) 408 m (b) 406 m (c) 412 m (d) 204 m

44. If $a \diamond b = 12 \diamond 9$, then $a \times 9 - b \times 11 = \square$

- (a) 8 (b) 11 (c) 10 (d) 9

45. An officer earns 6 times that of a clerk. If the sum of their pay for a week is ₹8400, what is the pay of the officer for a week ?

- (a) ₹1200 (b) ₹7200 (c) ₹7600 (d) ₹6000

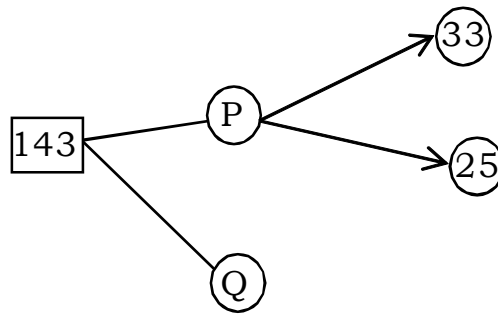
46. Three dozen balls are equally distributed among 9 boys. How many balls are required to distribute equally in the same manner among 28 boys ?

- (a) 92 (b) 112 (c) 102 (d) 122

47. Area of square is 324 sq cm. Its perimeter will be _____

- (a) 18 cm² (b) 72 cm² (c) 18 cm (d) 72 cm

48. Complete the number bonds, find the difference between Q and P.



- (a) 27 (b) 58 (c) 85 (d) 29

49. Ritu sold 39 out of 75 tickets for ₹9 each and the remaining for ₹16 per ticket. Find the total amount she received?

- (a) ₹351 (b) ₹576 (c) ₹927 (d) ₹917

50. Tina is 8 years younger than Meena. After 13 years, the sum of their ages will be 46 years. What is the present age of Meena ?

- (a) 14 yrs (b) 6 yrs (c) 8 yrs (d) 25 yrs

SECTION - 1

1. $73586 + 10937 =$ _____
 (a) 85423 (b) 84253
 (c) 84523 (d) 82453
2. $72861 - 2909 =$ _____
 (a) 69592 (b) 69952
 (c) 66592 (d) 65952
3. $7235 + 1867 - 999 =$ _____
 (a) 8103 (b) 8133
 (c) 8313 (d) 8013
4. $2867 - (299 + 124) =$ _____
 (a) 2244 (b) 2224
 (c) 2444 (d) 2424
5.
$$\begin{array}{r} 4\ 6\ 3\ 7 \\ +\ 1\ 3\ 7\ 2 \\ +\ 1\ 7\ 6\ 9 \\ +\ 5\ 3\ 0\ 2 \\ +\ 1\ 6\ 9\ 8 \\ \hline \hline \end{array}$$



 (a) 17448 (b) 17478
 (c) 14478 (d) 14778
6. $(7 + 11 + 3 + 18 + 23) + \square = 75$
 (a) 23 (b) 9
 (c) 13 (d) 19
7. $73 \times 56 =$ _____
 (a) 4848 (b) 4088
 (c) 4888 (d) 4808
8. $5656 \div 4$ _____
 (a) 1144 (b) 1414
 (c) 1444 (d) 1114
9. If 7256 is divided by 24, leaves remainder _____
 (a) 10 (b) 12
 (c) 8 (d) 16
10. $19 \times 27 + \square = 578$
 (a) 38 (b) 65
 (c) 44 (d) 56
11. $280 - (\square \times 12) = 64$
 (a) 16 (b) 14
 (c) 18 (d) 12
12. There are _____ prime numbers between 47 and 87.
 (a) 14 (b) 8
 (c) 10 (d) 6
13. The sum of 21st odd number and 9th even number is ____
 (a) 59 (b) 67
 (c) 61 (d) 63
14. Compare : $\frac{13}{15} \square \frac{11}{13}$
 (a) > (b) =
 (c) < (d) None of these

15. Complementary angle of 43° is _____

- (a) 57° (b) 37°
(c) 47° (d) 77°

16. At 7 :30, the angle formed between the two hands of a clock is _____

- (a) obtuse angle
(b) right angle
(c) acute angle
(d) straight angle

17.  represent 11 ballons, number of  to represent 165 ballons is = _____

- (a) 19 (b) 13
(c) 11 (d) 15

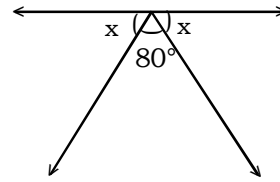
18. Diameter of circle is 9 cm, its radius = _____

- (a) 5.5 cm (b) 9 cm
(c) 4.5 cm (d) 6.5 cm

19. If $a = 16$, $b = 7$, $c = 5$, find the value of $a + b - c$

- (a) 16 (b) 18
(c) 24 (d) 12

20.



$\angle x =$ _____

- (a) 45° (b) 50°
(c) 60° (d) 75°

SECTION - 2

21. Subtract 41 tens from 67 hundreds and 5 ones. The place value of digit 5 in the result is _____

- (a) 50 ones
- (b) 500
- (c) 5 ones
- (d) 5 tens

22. A machine produces 480 pieces of goods in 1 hrs 30 mins. How many pieces it will produce in 36 mins ?

- (a) 192
- (b) 156
- (c) 178
- (d) 164

23. The sum of prime numbers between 65 and 95 is _____

- (a) 373
- (b) 412
- (c) 462
- (d) 392

24. L.C.M. of 18 and 24 is = _____

- (a) 56
- (b) 48
- (c) 108
- (d) 72

25. H.C.F. of 66 and 96 is _____

- (a) 6
- (b) 4
- (c) 8
- (d) 12

26. The sum of all divisors of 45 is _____

- (a) 90
- (b) 45
- (c) 78
- (d) 87

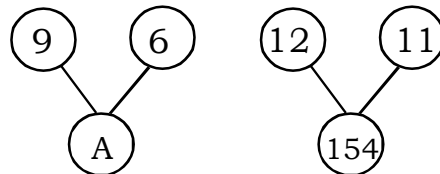
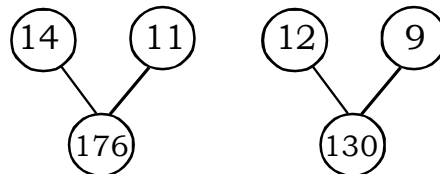
27. If 12th April 2007 is Friday then the day on 5th July 2007 is _____

- (a) Sunday
- (b) Friday
- (c) Monday
- (d) Wednesday

28. CLXXXVII + LII – XLVIII = _____

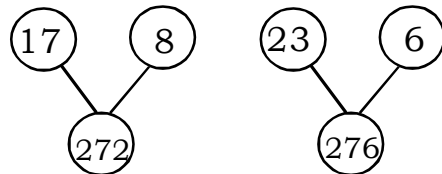
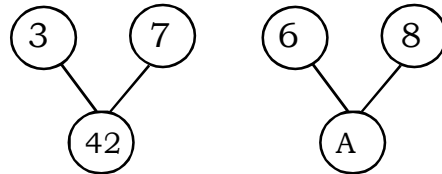
- (a) 183
- (b) 185
- (c) 197
- (d) 191

29. Observe the number bond and find the value of 'A' ?



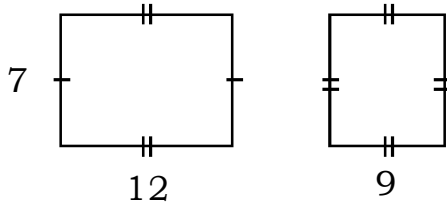
- (a) 76
- (b) 92
- (c) 68
- (d) 88

30.



- (a) 84
- (b) 108
- (c) 96
- (d) 66

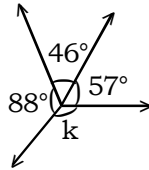
31.



The difference between area of rectangle and square is _____ sq unit.

- (a) 9
- (b) 13
- (c) 12
- (d) 3

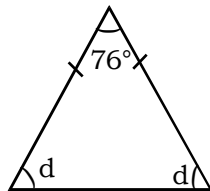
32.



value of $\angle k =$ _____

- (a) 97°
- (b) 169°
- (c) 128°
- (d) 135°

33.



value of $\angle d =$

- (a) 54°
- (b) 66°
- (c) 52°
- (d) 48°

34.

The value of $92 - 126 \div 9 + 16 \times 3$ is _____

- (a) 138
- (b) 142
- (c) 158
- (d) 126

35.

$\frac{4}{7}$ of 4 yrs 1 months = _____?

- (a) 27
- (b) 56
- (c) 14
- (d) 28

36.

The product of complementary and supplementary angle of 85° is _____

- (a) 475°
- (b) 415°
- (c) 425°
- (d) 445°

37.

If $x = 12, y = 8$, value of $4x + y =$ _____

- (a) 42
- (b) 36
- (c) 56
- (d) 68

38.

$9^2 + 12^2 = \square^2$, the number in \square is _____

- (a) 25
- (b) 225
- (c) 15
- (d) 165

39.

Length of rectangle = 18 m
Breadth of rectangle = 12 m
 \therefore Perimeter = _____

- (a) 46
- (b) 60
- (c) 24
- (d) 40

40.

$M + N = 56$
 $M - N = 38$, then $M = ?$

- (a) 57
- (b) 67
- (c) 37
- (d) 47

SECTION - 3

41. The sum of two facing pages of a book where Dany stopped reading is 93. If there are 230 pages in the book, how many pages does Dany need to read in order to finish reading the book.
- (a) 44 (b) 137 (c) 203 (d) 183
42. Instead of dividing a number by 16, a student divided it by 22 and got a quotient of 95 and remainder as 0. Had it divided by 16, what would be the remainder ?
- (a) 15 (b) 10 (c) 0 (d) 20
43. Look at this schedule of interview times. If the pattern continues, what is the time of 11th interview.
- | Interview | Time |
|-----------------|---------|
| 1 st | 11 : 45 |
| 2 nd | 12 : 20 |
| 3 rd | 12 : 55 |
| 4 th | 13 : 30 |
- (a) 5 : 35 pm
(b) 4 : 00 pm
(c) 5 : 35 am
(d) 4 : 00 am
44. $A = 6$, $B = 3A + 2$ and $C = B - A$, find $A + B \times C = ?$
- (a) 208 (b) 262 (c) 286 (d) 244
45. I finished reading a book in one week, reading 60 pages every day. If a boy takes 6 days to finish the same book, how many pages must he have read per day ?
- (a) 420 (b) 60 (c) 70 (d) 6
46. Rani had 108 trees in his garden. Out of these 36 were of Mango and 32 were of Teak. The remaining trees were of Ashoka. What fraction of the trees in the garden are Ashoka ?
- (a) $\frac{29}{17}$ (b) $\frac{17}{29}$ (c) $\frac{27}{17}$ (d) $\frac{17}{27}$

SOLUTION - Paper-1

1	d	11	d	21	d	31	a	41	c
2	b	12	d	22	b	32	c	42	a
3	c	13	c	23	a	33	b	43	a
4	c	14	a	24	d	34	d	44	d
5	a	15	c	25	c	35	b	45	b
6	b	16	a	26	d	36	a	46	b
7	c	17	b	27	b	37	c	47	d
8	a	18	d	28	d	38	d	48	a
9	c	19	a	29	c	39	a	49	c
10	b	20	b	30	b	40	b	50	a

SOLUTION - Paper-2

1	c	2	b	3	a	4	c	5	d	6	c	7	b	8	b	9	c	10	b
11	c	12	b	13	a	14	a	15	c	16	a	17	d	18	c	19	b	20	b
21	a	22	a	23	c	24	d	25	a	26	c	27	b	28	d	29	a	30	c
31	d	32	b	33	c	34	d	35	d	36	a	37	c	38	c	39	b	40	d
41	d	42	b	43	a	44	c	45	c	46	d	47	b	48	d	49	a	50	c