

MOCK EXAMINATION PAPER : Set-D

SECTION - 1

1. $42816 + 35894 = \underline{\hspace{2cm}}$

- (a) 78610 (b) 78710
(c) 78810 (d) 78910

2. $96561 - 46287 = \underline{\hspace{2cm}}$

- (a) 50274 (b) 50374
(c) 50474 (d) 50574

3. $4682 + 3456 - 989 = \underline{\hspace{2cm}}$

- (a) 7139 (b) 7129
(c) 7149 (d) 7049

4. $6523 - (438 + 998) = \underline{\hspace{2cm}}$

- (a) 5287 (b) 5078
(c) 5187 (d) 5087

5.
$$\begin{array}{r} 5\ 4\ 6\ 3 \\ +\ 2\ 8\ 4\ 9 \\ +\ 1\ 4\ 8\ 3 \\ +\ 3\ 4\ 5\ 6 \\ +\ 1\ 0\ 0\ 0 \\ \hline \\ \hline \end{array}$$

- (a) 14512 (b) 14251
(c) 14152 (d) 14521

6. $(7 + 18 + 19 + 12 + 11) + \square = 80$

- (a) 11 (b) 14
(c) 12 (d) 13

7. $82 \times 43 = \underline{\hspace{2cm}}$

- (a) 3426 (b) 3626
(c) 3526 (d) 3326

8. $6228 \div 18 = \underline{\hspace{2cm}}$

- (a) 336 (b) 346
(c) 356 (d) 364

9. If 4490 is divided by 19, leaves remainder $\underline{\hspace{2cm}}$

- (a) 6 (b) 7
(c) 8 (d) 9

10. $14 \times 8 + \square = 200$

- (a) 88 (b) 98
(c) 78 (d) 68

11. $145 - (17 \times \square) = 43$

- (a) 7 (b) 8
(c) 9 (d) 6

12. There are $\underline{\hspace{2cm}}$ prime numbers between 51 and 89.

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

13. The difference between 33rd odd number and 29th even number is $\underline{\hspace{2cm}}$

- (a) 8 (b) 11
(c) 9 (d) 7

14. Compare : $\frac{14}{9} \square \frac{16}{13}$

- (a) > (b) <
(c) = (d) None of these

15. Supplementary angle of 149°

is _____

- (a) 21° (b) 41°
(c) 51° (d) 31°

16. At 8 : 50, the angle formed between the two hands of a clock is _____

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

17. 😊 represent 9 smiley faces, number of 😊 to represent 117 smiley faces is = _____

- (a) 12 (b) 14
(c) 15 (d) 13

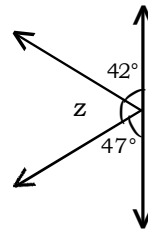
18. Diameter of circle is 21 cm, its radius = _____

- (a) 10.5 cm (b) 10 cm
(c) 11.5 cm (d) 11 cm

19. If $x = 16$, $y = 13$, $z = 80$, find the value of $z \div x + y$

- (a) 17 (b) 18
(c) 19 (d) 15

20.



$\angle x =$ _____

- (a) 101° (b) 81°
(c) 91° (d) 93°

SECTION - 2

21. Subtract 49 tens from 28 hundreds and 44 ones. The place value of digit 3 in the result is _____

- (a) 3 ones (b) 3 tens
(c) 3 hundreds (d) 3000

22. A machine produces 160 pieces of goods in 45 mins. 480 pieces of goods will be produced in how many minutes?

- (a) 125 (b) 135
(c) 120 (d) 110

23. The sum of of prime numbers between 15 to 65 is _____

- (a) 450 (b) 465
(c) 460 (d) 468

24. L.C.M. of 42 and 75 is = _____

- (a) 1050 (b) 1060
(c) 1080 (d) 1500

25. H.C.F. of 17 and 35 is _____

- (a) 1 (b) 0
(c) 2 (d) none of these

26. The sum of all divisors of 66 is _____

- (a) 104 (b) 124
(c) 134 (d) 144

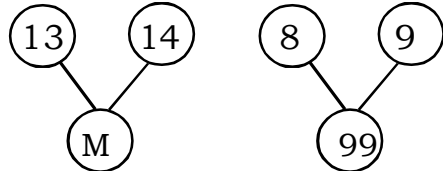
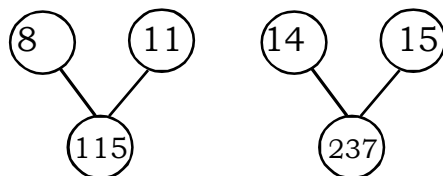
27. If 22nd February 2004 is Wednesday then the day on 3rd June 2004 is _____

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

28. CCLX – LXXV + LV = _____

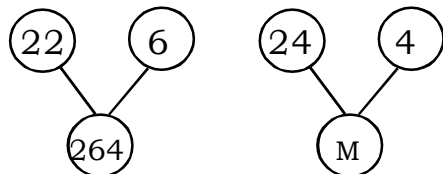
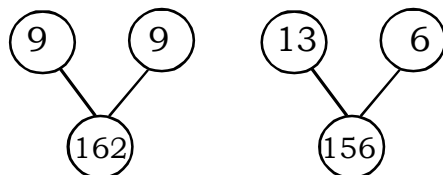
- (a) 240 (b) 235
(c) 220 (d) 250

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



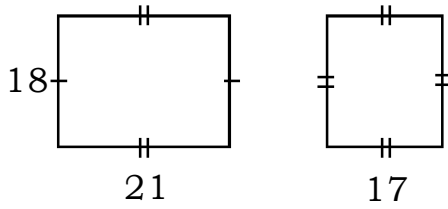
- (a) 209 (b) 219
(c) 199 (d) 229

30.



- (a) 182 (b) 192
(c) 202 (d) 172

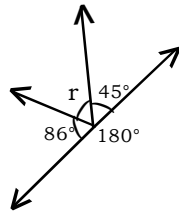
31.



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

- (a) 79 (b) 89
(c) 69 (d) 99

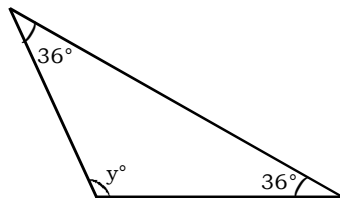
32.



value of $\angle r =$ _____

- (a) 39° (b) 59°
(c) 49° (d) 69°

33.



value of $\angle y =$

- (a) 128° (b) 118°
(c) 98° (d) 108°

34.

The value of ,
 $14 \times 7 - 180 \div 15 - 84$ is _____

- (a) 0 (b) 1
(c) 2 (d) 3

35. $\frac{5}{8}$ of 3 yrs 4 months = _____?

- (a) 20 (b) 25
(c) 30 (d) 35

36.

The sum of the complementary angle and supplementary angle of 77° is _____

- (a) 116° (b) 106°
(c) 126° (d) 161°

37.

If $p = 8$, $q = 9$ and $r = 7$, value of $p + 3q - 2r =$ _____

- (a) 23 (b) 19
(c) 21 (d) 31

38.

$20^2 - \square^2 = 16^2$, the number in \square is _____

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

39.

Length of square = 23 m

\therefore Perimeter = _____

- (a) 72 m (b) 82 m
(c) 92 m (d) 102 m

40.

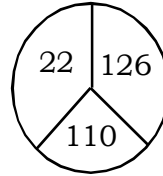
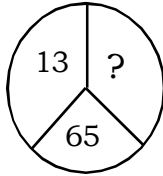
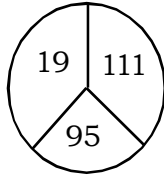
$X + Y = 97$

$X - Y = 13$ then $X = ?$

- (a) 65 (b) 35
(c) 45 (d) 55

SECTION - 3

41. Find the missing number in the number pattern below :



(a) 61

(b) 71

(c) 81

(d) 91

42. $\bigcirc \times \triangle = 184$

$$\bigcirc - * = 0$$

$$\triangle + \triangle + \triangle = 69$$

find the value of $*$.

(a) 7

(b) 6

(c) 0

(d) 8

43. If $a \diamond b = 6 \diamond 7$, then $a \times 19 - b \times 16 = \square$

(a) 0

(b) 2

(c) 1

(d) 3

44. What will be the 10th term in the given series,

147, 260, 373, _____, _____, _____, _____, _____, _____, _____

(a) 1164

(b) 1404

(c) 1044

(d) 924

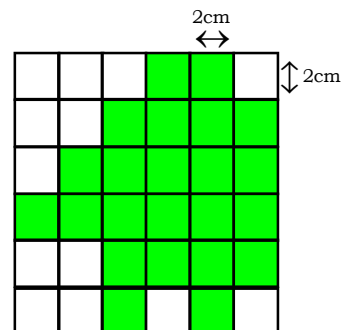
45. Find the perimeter of shaded region.

(a) 52 cm

(b) 26 cm

(c) 52 m

(d) 26 m



- 46.** In a class of 360 students, 60% were present. How many were absent ?
(a) 288 (b) 216 (c) 72 (d) 144
- 47.** If $a = 3$, $b = 4$ and $c = 2$, which of the following is equal to 20 ?
(a) $a + 4b + 2c$ (b) $4a + b + 2c$ (c) $3a + 2b + c$ (d) $4a + 2b + 3c$
- 48.** Sanjay requires 3 hours 53 minutes and 29 seconds to run 30 km distance and Deepak covers the same distance in 3 hours 51 minutes and 39 seconds. How much less time than Sanjay does Deepak take ?
(a) 150 sec (b) 1 min 40 sec (c) 1 min 50 sec (d) 140 sec
- 49.** The product of three numbers is 1344. One of the number is 8. Find the greatest of the three ?
(a) 11 (b) 12 (c) 13 (d) 14
- 50.** In an example of Division, the Divisor is 13, the Quotient is 15 and the Remainder is 12, what was the Dividend ?
(a) 207 (b) 195 (c) 183 (d) 48