CLASS – IV
SUBJECT – MATHEMATICS

1. Mirror image of the given figure is:

A)

B)

C)

D)
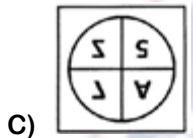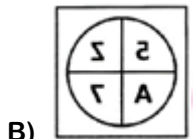
E) None of these

2. Each item stands for a different value.

The sum of values of each row and column is given. What is the value of

A) Rs. 3.50
B) Rs. 2.50
C) Rs. 4.50
D) Rs. 1.50
E) None of these

1	5	3	?	8
+	2	?	8	3	1
?	3	?	2	9

3. Find the sum of all four missing digits in the given addition.
A) 24
B) 21
C) 22
D) 29
E) None of these

4. When 42.42 is divided by the sum of 17 tenths and 130 hundredths, the result will be:
A) 10.605
B) 14.14
C) 21.21
D) 16.968
E) None of these

5. Minimum how many unit squares must be shaded so that the given figure has atleast one
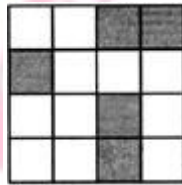
line of symmetry?
A) 0
B) 1
C) 2
D) 3
E) 4

6. In the given figure, triangle ABC is an equilateral triangle. Find the perimeter of whole

figure.
A) 66 cm
B) 62 cm
C) 76 cm
D) 56 cm
E) None of these

7. If ⬤ + ▲ + ■ = 78, ▲ + ■ = ⬤ + ⬤ and ⊕ = ▲ + ▲, then the value of ▲
A) 11
B) 13
C) 17

D) 9

E) None of these

8. Decimal number for the fraction represented by the shaded parts in the given figure is:

A) 0.2

B) 0.3

C) 0.5

D) 0.75

E) None of these

9. Mohit made an input-output table as shown below:

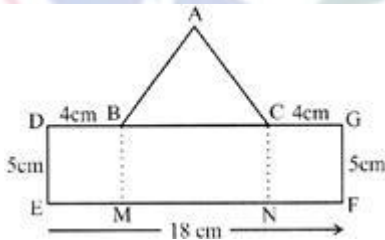| Input 1	Input 2	Output
40	5	8
16	8	2
36	12	3
24	6	4
42	?	6

Apply the rule and find the missing number in input 2.

A) 6

B) 8

C) 9

D) 7

E) None of these

10. Which of the following statements is incorrect for the Roman numerals?
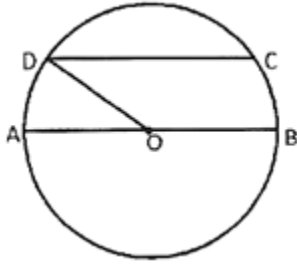
A) C + D + M = 1600

B) Five times of C = Ten times of L

C) V + L + D = 1555

D) L + L + L = CL

E) None of these

11. Difference of adjacent sides of the given rectangle ABCD is 4 cm. If the perimeter of rectangle is 36 cm, then its area will be:

A) 72cm2

B) 77cm2

C) 140cm2

D) 320cm2

E) None of these

12. Which one of the following line segments is the diametre of the given circle?

A) OD
B) AB
C) CD
D) AO
E) None of these

13. How many triangles are there in the following figure?
A) 4
B) 6
C) 8
D) 10
E) None of these
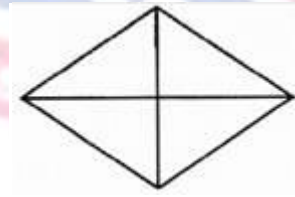
14. Look at the following figure. If b =70∘, c =110∘ d =70∘then find the value of a.
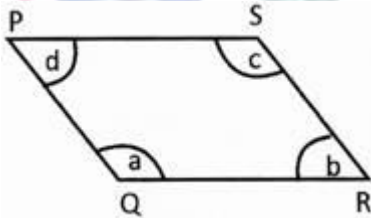
A) 125∘
B) 135∘
C) 155∘
D) 110∘
E) None of these

15. Which one of the following statements is correct about a square?
A) A square is made up of four line segments
B) A square has four right angles
C) All the sides of a square are equal
D) All of these
E) None of these
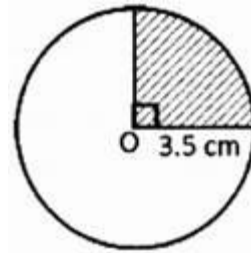
16. is the centre of the circle. Find the area of the shaded region.
A) 8.225cm2
B) 9.25cm2
C) 9.625cm2
D) 10.125cm2
E) None of these

17. If ⬜⬜⬜⬜⬜ represents 75 TV sets how many TV sets does ⬜⬜⬜ represents?
A) 25
B) 45
C) 75
D) 85
E) None of these

18. Which one of the following is an incorrect statement?
A) 345+0=345
B) 345−0=345
C) 345×0=0
D) 0−345=345
E) None of these

19. Which pair of numbers best completes the given equation? 13+[]−7={}
A) [8]and{13}
B) [8]and{14}
C) [9]and{18}
D) [9]and{18}
E) None of these

20. The missing digit in the given multiplication is: 18[?]87×3368
A) 8
B) 4
C) 2
D) 6
E) None of these

21. Difference of 3rd multiple of 7 and 7th multiple of 3 is:
A) 21
B) 4
C) 3
D) 0
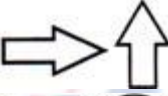
E)   None of these

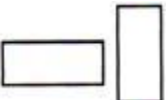22. **Roman numerals XL is same as:**
A)   100+40
B)   60–10
C)   10040
D)   100–60
E)   None of these

23. **Which one of the following shows a pair of rectangles?**

A)

B)

C)

D)

E)   None of these

24. **Simplify: 200×50+4–2**
A)   10004
B)   10002
C)   1004
D)   1002
E)   None of these

25. **Convert Rs. 2465.25 into paise.**
A)   246525 paise
B)   2465250 paise
C)   24652500 paise
D)   246525000 paise
E)   None of these

26. **Directions: See the table below and answer the following questions:**

Items	Price.
Dozen of spoons	Rs. 30
Dozen of plates	Rs. 71
Dozen of tea cups	Rs. 41
A pot	Rs. 23
A Bowl	Rs. 13
A Pistle	Rs. 5

Which item is the most expensive?
A)   Dozen of plates
B)   Dozen of tea cups
C)   A pot
D)   A pistle
E)   None of these

27. Directions: See the table below and answer the following questions:

Items	Price
Dozen of spoons	Rs. 30
Dozen of plates	Rs. 71
Dozen of tea cups	Rs. 41
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A Pistle	Rs. 5

Which item is the least expensive?
A) Dozen of plates
B) Dozen of tea cups
C) A pot
D) A pistle
E) None of these

28. Find the quotient and remainder when 1496 is divided by 20.
A) Q = 74, R = 16
B) Q = 74, R = 14
C) Q = 70, R = 15
D) Q = 72, R = 16
E) None of these

29. Write the expanded form for the numeral 7400546.
A) 700000 + 40000 + 5000 + 40 + 6
B) 7000000 + 400000 + 5000 + 40 + 6
C) 7000000 + 400000 + 500 + 40 + 6
D) 700000 + 40000 + 5000 + 400 + 6
E) None of these

30. Arrange the following numerals in descending order. LXIV, LXVI, CLI, CXXXVII
A) LXIV>CLI>LXVI>CXXXVII
B) LXIV>LXVI>CLI>CXXXVII
C) CLI>LXVI>CXXXVII>LXIV
D) CLI>CXXXVII>LXVI>LXIV
E) None of these

31. If x=90, y=80 and x−y=z, find the value of x+y+z.
A) 170
B) 180
C) 190
D) 200
E) None of these

32. Which one of the following numbers should be multiplied by 25 in order to get the product 12 more than 188?
A) 5
B) 6
C) 7
D) 8
E) None of these

33. If ◯ represents 50 students, then ◯◯◯ represents:

A) 50 students
B) 100 students
C) 150 students
D) 200 students
E) None of these

34. In Roman numerals 'D' stands for __
A) 50
B) 100
C) 500
D) 1000
E) None of these

35. Which one of the following is the face value of 5 in 765001?
A) 5
B) 50
C) 500
D) 5000
E) None of these

36. What part of the figure is unshaded?
A) 2/5
B) 3/5
C) 5/2
D) 5/3
E) None of these

37. What number comes just after1?
A) 0
B) 1
C) 2
D) 4
E) None of these

38. What least number should be subtracted from 87 so that it becomes divisible by 9?
A) 2
B) 5
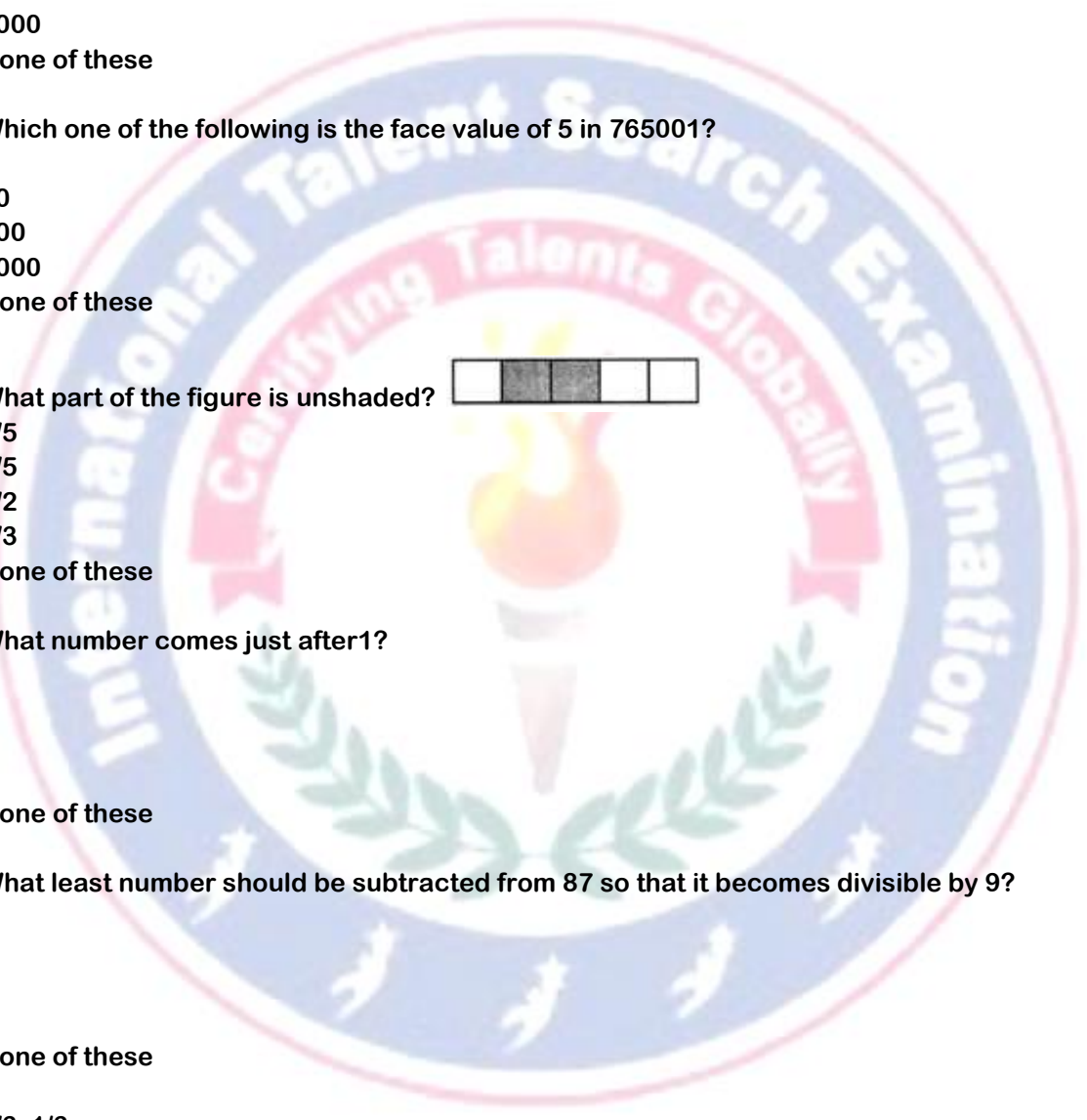C) 3
D) 6
E) None of these

39. 5/3−1/3=
A) 3/5
B) 1/3
C) 4/3
D) 6/3
E) None of these

40. How many times 5 can be deducted from 55?
A) 1
B) 9

C) 10
D) 11
E) None of these

41. Convert 2 kilometre 500 metre into metre.
A) 250 metre
B) 502 metre
C) 2500 metre
D) All of these
E) None of these

42. Simplify: 15 + 25 + 35
A) 40
B) 60
C) 75
D) 85
E) None of these

43. What should be multiplied with 9 to get 81?
A) 4
B) 7
C) 9
D) 11
E) None of these

44. To get the predeccessor of 7 + 8, what should be subtracted from 21?
A) 1
B) 15
C) 7
D) 8
E) None of these

45. Fill in the blank with the number from the options given below: 330+70=100×__
A) 7
B) 3
C) 4
D) 6
E) None of these