Sample Question paper

1. **The difference between the place value of 3 in 8123768 is**
   - (A) 2997
   - (B) 0
   - (C) 2097
   - (D) 3000
   - (E) None of these

2. **Four hundred thousand less than 4444444 is _____ .**
   - (A) 444444
   - (B) 4044444
   - (C) 4404444
   - (D) 4444044
   - (E) None of these

3. **Which of the following makes the statement correct ?**
   ……………… < 1280765
   - (A) 1308430
   - (B) 1284650
   - (C) 1287000
   - (D) 1178688
   - (E) None of these

4. **Hindu-Arabic numeral for MCDXVII is _____.**
   - (A) 1417
   - (B) 1471
   - (C) 1404
   - (D) 1617
   - (E) None of these

5. **What is the correct Roman numeral for 41 ?**
   - (A) IXL
   - (B) XLI
   - (C) XXXXI
   - (D) XIL
   - (E) None of these

6. **What is the difference of scores of A and D ?**
   - (A) 1
   - (B) 2
   - (C) 3
   - (D) 4
   - (E) None of these

7. **Which of the following is wrong ?**
    (A) 848766 × 0 = 0   (B) 848766 × 1 = 848766
    (C) 848766 ÷ 1 = 848766   (D) 848766 ÷ 848766 = 0
    (E) None of these

8. **Find the difference of the place values of two 8's in 578493087.**
    (A) 8000008   (B) 7999992
    (C) 7999920   (D) 8000080
    (E) None of these

9. **Mrs. Mehta made 654 cookies. She put them equally in 12 plastic bags and had 6 left over. How many cookies were there in each plastic bag ?**
    (A) 18   (B) 54
    (C) 109   (D) 642
    (E) None of these

10. **Ranveer wants to buy a camera that costs ₹ 3800. If he has saved only $\frac{5}{8}$ of the money, how much more does he need ?**
    (A) ₹ 760   (B) ₹ 1425
    (C) ₹ 2880   (D) ₹ 2375
    (E) None of these

11. **What fraction of figure is shaded ?**
    (A) $\frac{1}{4}$ (B) $\frac{3}{4}$

    (C) $\frac{1}{2}$ (D) $\frac{2}{9}$
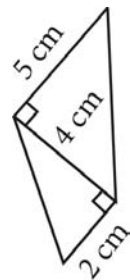
    (E) None of these

12. **Half of a number is 24. What is $\frac{3}{4}$ of the same number ?**
    (A) 48   (B) 72
    (C) 18   (D) 36
    (E) None of these

13. **What decimal of an hour is a second ?**
    (A) 0.0025   (B) 0.0256
   (C) 0.00027   (D) 0.000126
    (E) None of these

14. **3 × 0.3 × 0.03 × 0.003 × 30 is equal to _____.**
    (A) 0.0000243   (B) 0.000243
    (C) 0.00243   (D) 0.0243
    (E) None of these

15. **The value of $\left(\dfrac{0.3}{0.03} + \dfrac{0.03}{0.3}\right)$ is _____.**
    (A) 10.1   (B) 1.10
    (C) 1.01   (D) 10.01
    (E) None of these

16. **Which unit could be used for measuring the amount of liquid in a teaspoon ?**
    (A) Gram   (B) Kg
    (C) Metre   (D) Millilitre
    (E) None of these

17. **18:45 hours in 12-hour clock is _____ .**
    (A) 6:45 am   (B) 6:45 pm
    (C) 8:45 am   (D) 8:45 pm
    (E) None of these

18. **A car petrol tank is $\dfrac{3}{8}$ full. After the petrol tank is filled with 30 litres of petrol the tank is full. What is the capacity of the tank ?**
    (A) 30 l (B) 36 l
    (C) 42 l (D) 48 l
    (E) None of these

19. **The area of the figure is _____ sq. cm.**

    (A) 11
    (B) 14
    (C) 28
    (D) 40
    (E) None of these

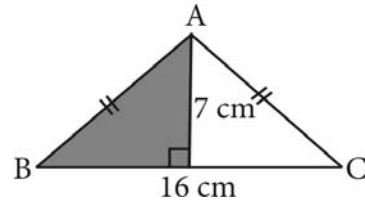20. **Study the given figure and answer the following question.**
    The area of the shaded figure is _____ sq. cm.
    (A) 17
    (B) 18
    (C) 20
    (D) 22
    (E) None of these

    1 cm

    1 cm
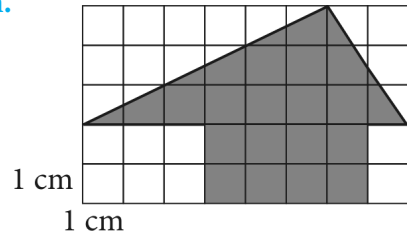
21. **The area of the shaded portion of ΔABC is _____ sq. cm.**
    (A) 14
   (B) 28
    (C) 56
    (D) 112
    (E) None of these

    A

    7 cm²

    B

    16 cm

    C

22. **A square cardboard piece which has a perimeter of 12 cm is cut into two equal**
    triangles. The area of each triangle is _____ sq. cm.
    (A) $4\dfrac{1}{2}$ (B) 9

    (C) 36   (D) 72
    (E) None of these

23. **The area of the base of a rectangular tank is 6500 sq. cm and the volume of**
    water contained in it is 2.6 cubic metres. The depth of water in the tank is :
    (A) 3.5 m   (B) 4 m
    (C) 5 m   (D) 6 m
    (E) None of these

    Top

24. **For the solid** , **which one represents the front view.**

    Side

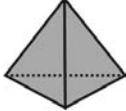   Front

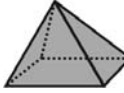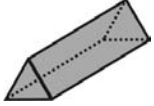   (A)   (B)
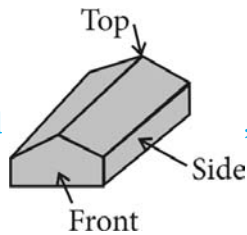
    (C)   (D)

    (E) None of these

25. **For the solid** **, which one represents the side view.**

(A)

(B)

(C)

(D)

(E) None of these

26. **The appropriate solid for the net** **is**

(A)

(B)

(C)

(D)

(E) None of these

27. **The lines which lie on the same plane and do not intersect at any point are called _____ .**
    (A) perpendicular   (B) intersecting
    (C) parallel   (D) horizontal
    (E) None of these

28. **How many parts does a triangle has ?**
    (A) 0   (B) 2
    (C) 3   (D) 6
    (E) None of these

29. A line segment joining the centre and any point on the circle is called _____.

(A) chord
(B) radius
(C) diameter
(D) arc
(E) None of these

30. In a XYZ, vertex is

(A) X
(B) Y
(C) Z
(D) U
(E) None of these

31. Which of the following statements is INCORRECT ?

(A) The place value of the digit '3' in the number 543765 is 300 times the number 10.
(B) The difference in place values between the digits '6' and '4' in the number 6734581 is 599600.
(C) In the number 1876523, the place value of the digit '1' is 50000×20.
(D) The place value of the digit '5' in the number 7658321 is 48485 more than 1515.

32. How many lines of symmetry does the figure have?

(A) 0
(B) 1
(C) 2
(D) 3
(E) None of these
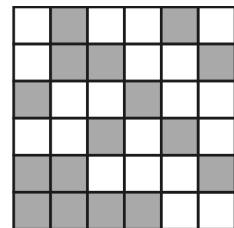
33. Complete the addition square by finding the missing numbers.
Find $(A – B) – (C – D)$.

(A) 0
(B) 1000
(C) 450
(D) 300
(E) None of these

+	10,923	8,473
18,732	A	B
9,018	C	D

34. **Find Q + R – S + P.**

    (A) 9
    (B) 2
    (C) 4
    (D) 6
    (E) None of these

$$
\begin{array}{r}
9\boxed{S} \\
108\overline{)10695}\,(\\
-\,9\boxed{Q}2 \\
\hline
97\boxed{R} \\
-\,972 \\
\hline
\boxed{P}
\end{array}
$$

35. **Rohit's car was parked in a car park from 1.30 p.m. to 4.25 p.m. How much did he have to pay?**

PARKING RATES	
First hour	₹ 15.20
Every additional half an hour or part thereof	₹ 2.55

    (A) ₹ 19.3   (B) ₹ 20.3
    (C) ₹ 25   (D) ₹ 25.40
    (E) None of these

36. **Study the figure carefully. Which of the following statements is correct?**
    (A) The figure has 3 angles that are greater than a right angle.
    (B) The figure has 4 right angles.
    (C) The figure has 4 angles less than a right angle.
    (D) The figure has sides more than the fourth multiple of 2.
    (E) None of these
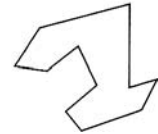
37. **70 has _____ factors.**
    (A) 2
    (B) 4
    (C) 6
    (D) 8
    (E) None of these

38. **Select the INCORRECT match.**
    (A) 3249 – MMMCCXLIX
    (B) 1667 – MDCLXVII
    (C) 207 – CCXVII
    (D) 499 – CDXCIX
    (E) None of these

39. There are 3 numbers. The third number is the greatest. When the third number is divided by the second number,'the quotient is 4. The difference between the second and third number is 654. If the first number is 109 more than the second number, find the first number.
    (A) 327
    (B) 109
    (C) 218
    (D) 872
    (E) None of these

40. A number consists of 3 different digits. The ones and hundreds digits are both divisible by 3. The tens and ones digits are both divisible by 2. The hundreds digit is third multiple of 3. What is the number?
    (A) 969
    (B) 949
    (C) 956
    (D) 946
    (E) None of these

Note: The actual Question Paper will translated in Hindi at the time of exam.

Darken your choice with HB Pencil

1	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	11	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	21	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	31	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
2	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	12	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	22	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	32	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
3	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	13	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	23	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	33	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
4	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	14	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	24	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	34	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
5	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	15	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	25	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	35	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
6	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	16	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	26	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	36	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
7	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	17	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	27	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	37	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
8	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	18	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	28	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	38	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
9	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	19	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	29	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	39	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
10	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	20	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	30	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	40	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ