# BK BIRLA CENTRE FOR EDUCATION

**SARALA BIRLA GROUP OF SCHOOLS**
**SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL**

## MID-TERM EXAMINATION 2023-24

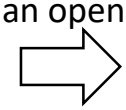
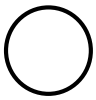
**MATHEMATICS (041) MARKING SCHEME**

Class :IV
Date :16.10.2023
Admission No.:

Duration : 1 ½ Hrs
Max. Marks : 40
Roll No.:

### SECTION –A

Choose the correct answer. $(10 \times 1 = 10)$

1) The place value of 5 in 952364 is (1)
   a) 5000 **b) 50000** c) 500000 d) 5
2) Greatest five digit number is
   a) 10000 b) 11111 c) 99909 **d) 99999**
3) Which of the following is an open curve? (1)
   a)  b)  **c)**  d) None of these
4) In Roman-Numeral, 60 is represented as (1)
   a) **LX** b) XXL c) XXXX d) XL
5) 4879 X 0 =_____ (1)
   a) 4879 **b) 0** c) 9784 d) 4500
6) 165 X 1000 = _____ (1)
   a) **165000** b) 106500 c) 10000 d) 16000
7) For 5978 ÷10 , Q = _____ , R = _____ (1)
   a) 597, 0 **b) 597, 8** c) 59, 78 d) 590, 8
8) Write the difference of Roman- Numeral: XXX – V. (1)
   a) XVI **b)X XV** c) XL d) XII
9) Identify the Pentagon. (1)
   **a)**  b)  c)  **d)** 
**10**) 3925 + 4872 = 4872 + _____ **(1)**
   a) 4872 **b) 3925** c) 0 d) 8797

## SECTION –B

Solve. $(4 \times 2 = 8)$

11) Arrange the following numbers in ascending order.

92173, 92234, 90148, 92345.

**Ascending order= 90148, 92173, 92234, 92345.** **(2)**

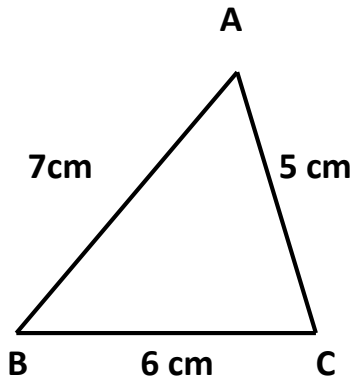
12) Draw a line segment PQ of length 6.5 cm.

**P** ——————————— **Q** **(2)**

**6.5 cm**

OR

Find the perimeter of the following figure.




**Perimeter of triangle ABC = Sum of all sides** **(1)**

**= 5 + 6 + 7**

**= 18 cm** **(1)**

13) Write the answer in Roman numerals.

**a )** $\mathbf{6 \times 7 = 42}$ **=XLII** **b)** $\mathbf{35 + 60 = 95}$ **=XCV** **(2)**

14) Divide73549÷1000. Write Quotient and Remainder.

**Q =73 ; R =549 .** **(2)**

## SECTION –C

Solve. $(4 \times 3 = 12)$

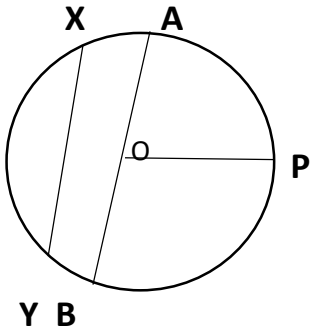
15) Use compass to draw a circle of radius of 3.5 cm and show,

a) Centre -O **(1/2)**

b) Diameter -AB **(1/2)**

c) Radius-OP **(1/2)**

d) Chord.-XY **(1/2)**




**(1)**

16) Estimate the product of 827 × 375 by rounding off to the nearest 100.

**Round off nearest to 100** **(1)**

**800**$\times$ $\mathbf{400 = 120000}$ **(2)**

OR

Radha made a necklace with 129 beads. If she has to make 12 such necklace, how many beads does she need in all?

**No. of beads in one necklace =129** **(1)**

**No. of beads in 12 necklace =129** $\times$ $\mathbf{12}$ **(1)**

**She needs 1548 beads.** **(1)**

17) On Tuesday 28,917 people watched the cricket test match. On Wednesday 26,625 watched the match. On Thursday the attendance was 31,897. What was the total attendance for these three days?

**On Tuesday no. of people watched the cricket test match =28,917** **(1)**

**On Wednesday no. of people watched the cricket test match =26,625**

**On Tuesday no. of people watched the cricket test match =31,897**

**The total attendance for these three days =28,917**$+$**26,625**$+$**31,897** **(1)**

**=87439** **(1)**

18) Find difference between the greatest and smallest five digit numbers using each of the given digits only once: 5, 1, 3, 8, 0.

**Greatest no. =85310** **(1)**

**Smallest no. =10358** **(1)**

**Difference = 85310 – 10358 = 74952** **(1)**

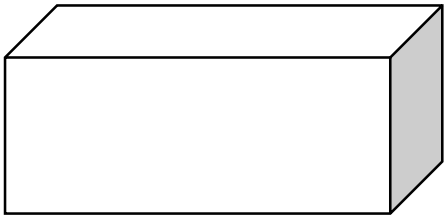
## SECTION –D

Solve. $(2 \times 5 = 10)$

19) Draw the cuboid and write number of vertices, faces and edges.

| Faces | Vertices | edges |
|---|---|---|
| 6 | 8 | 12 |

**(3)**

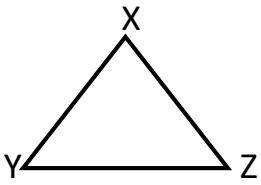


**(2)**

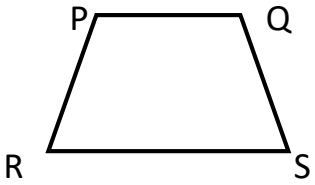
OR

Name the figure, sides and vertices of the following figures.

a)




b)




| S.NO. | Name | sides | vertices |
|---|---|---|---|
| a | Triangle | $\overline{XY}$ ,$\overline{YZ}$, $\overline{ZX}$ | Pt. X,Y,Z |
| B | Quadrilateral | $\overline{PQ}$, $\overline{QS}$, $\overline{SR}$, $\overline{PR}$, | Pt.P,Q,R,S |

**($2\frac{1}{2}$)**

**($2\frac{1}{2}$)**

20) Find the difference between “Four lakhs thirty six thousand five hundred seven” and “Two lakhs fourteen thousand one hundred ninety two”

**Four lakhs thirty six thousand five hundred seven = 4,36,507** **(1)**

**Two lakhs fourteen thousand one hundred ninety two =2,14,192** **(1)**

**Difference =4,36,507 −2,14,192** **(1)**

**=222315** **(2)**

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