



**BK BIRLA CENTRE FOR EDUCATION**  
SARALA BIRLA GROUP OF SCHOOLS  
SENIOR SECONDARY|CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL  
MID TERM EXAMINATION 2024-25  
MATHEMATICS (Answer Key) (041)



Class : IV  
Date : 16.09.2024  
Admission No.:

Duration: 1½ Hrs  
Max. Marks: 40  
Roll No.:

**General Instructions:**

1. This Question Paper has 4 Sections A-D.
2. Section A has 10 MCQs carrying 1 mark each
3. Section B has 4 questions carrying 02 marks each.
4. Section C has 4 questions carrying 03 marks each.
5. Section D has 2 questions carrying 05 marks each.

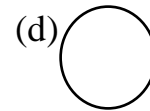
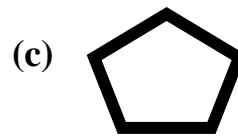
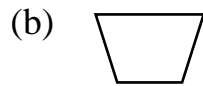
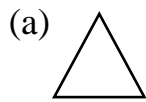
**SECTION –A**

**(10 × 1 = 10)**

Choose the correct answer. [1 mark for each correct answer]

- 1) What is the successor of 93,612?  
(a) 93,611                      (b) **93,613**                      (c) 93,614                      (d) none of these.
- 2) The largest 4-digit number is  
(a) 9,009                      (b) 9,099                      (c) 9,000                      (d) **9,999**
- 3) Write the missing addends.  $(517 + 209) + 110 = 517 + (209 + \underline{\quad})$   
(a) 216                      (b) 209                      (c) 517                      (d) **110**
- 4) Number of basic symbols in roman number is:  
(a) 9                      (b) 8                      (c) **7**                      (d) 10
- 5) Write the product  $6314 \times 1$   
(a) **6314**                      (b) 6214                      (c) 6114                      (d) 6014
- 6) A ray has \_\_\_\_\_ end points  
(a) **one**                      (b) two                      (c) three                      (d) four
- 7)  $Dividend = (\underline{\quad} \times Quotient) + Remainder$ .  
(a) Sum                      (b) product                      (c) **divisor**                      (d) none of these.

8) Identify the pentagon.



9) Use the property of subtraction:  $3572 - 0 = \underline{\hspace{2cm}}$

(a) 3570

(b) 0

(c) **3572**

(d) 3600

10) Find the product  $800 \times 1000$

(a) 80

(b) 8,000

(c) 80,000

(d) **8,00,000**

**SECTION –B**

**(4 × 2 = 8)**

11) Form the greatest and smallest five-digit number using digits. 3, 8, 0, 2, 9.

Greatest = 98,320      \_\_\_\_\_(1)

Smallest = 20,389      \_\_\_\_\_(1)

12) Write the following numbers in Roman numerals.

i)  $6 \times 7 = 42 = \text{XLII}$       \_\_\_\_\_(1)

ii)  $25 + 50 = 75 = \text{LXXV}$       \_\_\_\_\_(1)

**OR**

Put commas and write the number name in Indian system of numeration: 928754

9,28,754 = Nine lakhs twenty-eight thousand seven hundred fifty-four.      \_\_\_\_\_(2)

13) Divide:  $7132 \div 5$

Q = 1426      \_\_\_\_\_(1)

R = 2      \_\_\_\_\_(1)

14) Add.

	<b>T TH</b>	<b>TH</b>	<b>H</b>	<b>T</b>	<b>O</b>
	6	7	8	6	4
	4	0	4	6	9
+	<b>10</b>	<b>8</b>	<b>3</b>	<b>3</b>	<b>3</b>

**67864 + 40469 = 108333**      \_\_\_\_\_ (2)

**SECTION –C****(4 × 3 = 12)**

- 15) Estimate the product to the nearest 10.

$128 \times 63$

128 round off nearest 10 is 120 \_\_\_\_\_(1)

63 round off nearest 10 is 60 \_\_\_\_\_(1)

So,  $120 \times 60 = 7200$  \_\_\_\_\_(1)

**OR**

Find the product of the greatest 2- digit number and the smallest 3- digit number.

Greatest 2- digit number =99 \_\_\_\_\_(1)

Smallest 3- digit number =100 \_\_\_\_\_(1)

Product =  $99 \times 100 = 9900$  \_\_\_\_\_(1)

- 16) There are 37,536 bags of wheat, 35,380 bags of rice and 25,240 bags of gram in a store. Find the total number of bags in the store.

No. of wheat bags =37,536

No. of rice bags =35,380

No. of gram bags =25,240 \_\_\_\_\_(1)

Total no. of bags in the store = $37,536 + 35,380 + 25,240$  \_\_\_\_\_(1)

=98156 \_\_\_\_\_(1)

- 17) The cost of 15 cycles is Rs 24,405. Find the cost of each cycle.

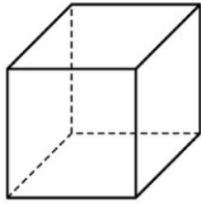
Cost of 15 cycles = Rs 24,405. \_\_\_\_\_(1)

Cost of 1 cycle =  $24,405 \div 15 = Rs1,627$  \_\_\_\_\_(2)

**OR**Divide and write the answers. [ $\frac{1}{2}$  Mark for each correct answer]

s. no	Division	Quotient	Remainder
1	$5739 \div 10$	573	9
2	$625 \div 100$	6	25
3	$73828 \div 1000$	73	828

18) Identify the following 3D shape and write the number of vertices and faces.



Name = Cube \_\_\_\_\_ (1)

Number of vertices = 8 \_\_\_\_\_ (1)

Number of faces = 6 \_\_\_\_\_ (1)

**SECTION –D**

**(5 × 2 = 10)**

19) Find the difference between five lakhs twenty-one thousand two hundred sixty-eight and two lakhs fifteen thousand one hundred thirty-seven. And verify the answer using addition.

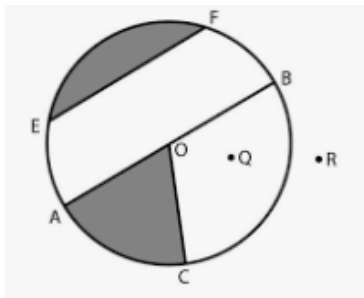
Five lakhs twenty-one thousand two hundred sixty-eight = 5,21,268 \_\_\_\_\_(1)

Two lakhs fifteen thousand one hundred thirty-seven = 2,15,137 \_\_\_\_\_(1)

Difference = 5,21,268 - 2,15,137 = 3,06,131 \_\_\_\_\_(2)

Verification: 306131 + 215137 = 521268 \_\_\_\_\_(1)

20) Draw a circle of radius 3 cm and mark its centre, radius, diameter, and chord.



[1 Mark for each correct representation]

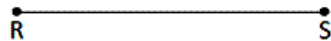
**OR**

Draw the following figures. [1 Mark for each correct figure]

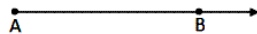
a) Line



b) Line segment



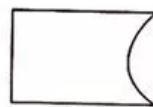
c) Ray



d) open curve



e) Closed curve.



\*\*\*\*\*THE END\*\*\*\*\*