INDIAN SCHOOL SOHAR
TERM 1 EXAMINATION (2022-23)
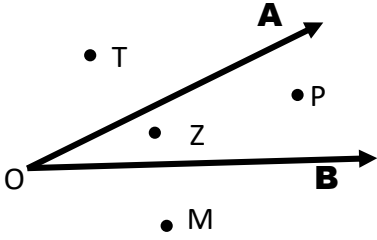**MATHEMATICS**

CLASS: VI   Max. Marks: 40
DATE: 29.09.2022   TIME: 2 HOURS
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General Instructions:

1. This question paper has 5 sections – A to E.
2. Section **A** has 6 multiple choice questions of 1 mark each, 4 Fill in the blanks of 1 mark each and 1 match the following with 4 pairs to match.
3. Section **B** has 3 questions of 2 marks each.
4. Section **C** has 4 questions of 3 marks each.
5. Section **D** has 1 question of 4 marks.
6. Section **E** has one case based integrated unit of assessment with 4 sub-parts of 1 mark each.
7. All questions are compulsory. However an internal choice in 1 Qs of 4 marks, 2 Qs of 3 marks and 1 question of 2 marks is given.
8. Draw neat figures wherever required.

	SECTION A	
	Multiple Choice Questions: It consists of 6 questions of 1 mark each.	
S. No	**Questions**	**Marks**

1.	In which of the following numbers, the digit 7 has the place value of 7000?
	    a) 1,75,261 b) 20,40,700
	    c) 38,17,259 d) 7,00,000
		1

2	Four lakh two hundred two in figures can be written as:
	    a) 422 b) 4202
	    c) 40022 d) 400202
		1

3	If 19 × 6 = 114, find the value of 190 × 60.
	    a) 11400 b) 114000
	    c) 110400 d) 1410
		1

4	A thread of 20m has been divided into 5 pieces. What is the length of each piece?
	    a) 100 m b) 4 m
	    c) 15 m d) 25 m
	OR
	How many whole numbers are there up to 100?
	    a) 100 b) 99
	    c) 101 d) 25
		1

5	Find the digit in one's place when 25 is multiplied by 125.
	    a) 0 b) 5
	    c) 2 d) 25
		1

6	Which is the only prime number from 90 to 100?	1
	a) 11 b) 92	
	c) 97 d) 99	
	OR	
	Which is the number that is neither prime nor composite?	
	a) 11 b) 2	
	c) 0 d) 1	

Fill in the blanks:
(4 questions of 1 mark each are given.1 internal choice is provided.)

7	A line segment has _____ endpoints.	1
8	All even numbers are divisible by _____.	1
	OR	
	The HCF of two consecutive numbers is _____.	
9	The distance between _____ lines always remains the same.	1
10	The smallest whole number is _____.	1
11	**Match the following**	4

Column A	Column B
a) Multiple of 7	i) LXII
b) A polygon with five line segments	ii) 8532
c) Greatest 4 digit number using 3,2,8,5	iii) 35
d) Roman number of 62	iv) Pentagon

SECTION B - <u>SOURCE BASED QUESTIONS</u>
This section consists of 3 questions of 2 marks each.1 internal choice is given.

12	Identify the numbers divisible by 6 from the given chart.	2

693	855	924	302
3060	558	211	506
902	246	717	818

OR

Identify the property used in the following:
i) $(2 \times 49) \times 155 = 2 \times (49 \times 155)$
ii) $297 \times 97 + 297 \times 3 = 297 \times (97 + 3)$

13	In the given figure, list the points which are i) interior of < AOB ii) exterior of < AOB	2
14	**Answer the question based on the given pictures.** **Write the round off price of each vehicle to the** **nearest 1000.** a) ₹96,854 b) ₹1,25,463	2

SECTION – C

Section C consists of 4 questions of 3 marks each. Internal choice is given in 2 questions.

15	As a part of the environment club activity, a group of students collected 32 newspapers from each apartment of a building. If there are 112 apartments in the building, how many newspapers were collected in all? **OR** A factory produced 68,65,249 buttons in one year and 70,82,349 buttons in the next year. Find the increase in the production of buttons.	3
16	Draw a rough diagram and label suitably in each of the following case. i) Line XY and line PQ intersect at M. ii) Point P lies on segment AB.	3
17	Draw factor tree of 144.	3
18	i) Find the sum of given three numbers: 745, 387 and 613 by suitable rearrangement. ii) Find the value of: 4 × 3890 × 25 **OR** Find the product using suitable properties: 258 × 1008	3

	SECTION - D **Section D consists of 1 question of 4 mark with one internal choice.**	
19	The length, breadth and height of a room are 825 cm, 675 cm and 450 cm respectively. Find the longest tape which can measure the three dimensions of the room exactly. **OR** Find i) 5 + 4 and ii) 8 – 3 using the number line.	**4**
	SECTION E **Case Study based Questions are compulsory** (This section consists of 4 questions of 1 mark each)	
20	**CASE: There is a fruit shop. It has variety of fruits such as apples, pomegranates, mangoes, grapes, water melon, pine apple, carrots etc. The cost of the various fruits as stock is given below.** **Stocks & Price List per kg** Carrots – ₹ 28 Pineapple – ₹65 Grapes –₹276 Watermelon – ₹ 87 Pear – ₹69 Mangoes –₹ 94	
	Based on the given information, choose the correct answers	
i)	A fruit seller has 530 boxes of mangoes. Each box holds 14 mangoes. How many mangoes fruit seller had? a) 7200 b) 742 c) 5300 d) 7420	**1**
ii)	Hiya purchased following fruits: Pineapple – 1 kg, Grapes – 1kg & Pears – 1 kg. How much amount will she pay to the fruit seller? a) ₹345 b) ₹ 410 c)₹ 341 d)₹ 1000	**1**
iii)	If Hiya gave a ₹2000 note, how much change fruit seller will give to her? a) ₹1000 b) ₹ 590 c) ₹ 1590 d) ₹ 1600	**1**
iv)	Ron purchased 2 kg of Watermelon and 3 kg carrots. How much amount will he pay? a) ₹258 b) ₹ 174 c) ₹ 84 d) ₹ 115	**1**

<div align="center">------- *THE END* -----</div>