INDIAN SCHOOL SOHAR
TERM I EXAMINATION (2022-23)
MATHEMATICS

CLASS: VII   **MAX. MARKS: 40**
DATE: 25/09/2022   **TIME: 2 HOURS** _____

General Instructions:
1. This Question Paper has 5 Sections A-E.
2. Section A has 6 MCQs and 4 fill in the blanks questions carrying 1 mark each and 1 match the following of 4 marks.
3. Section B has 3 questions carrying 02 marks each.
4. Section C has 4 questions carrying 03 marks each.
5. Section D has 1 question carrying 04 marks.
6. Section E has 1 case based integrated unit of assessment (04 marks) with sub-parts of the values of 1 mark each.
7. All Questions are compulsory. However, an internal choice in 1 Question of 4 marks, 2 Questions of 3 marks and 1 Question of 2 marks has been provided.
8. Draw neat figures wherever required.

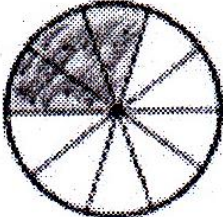|	SECTION -A	
	Section A consists of 10 questions of 1 mark each and 1 question of 4 marks.	
Q. No.	**Question**	**Marks**
1.	3700 grams are equal to a) 0.37 kg b) 3.7 kg c) 37 kg d) 0.037 kg **(OR)** 265 paise is equal to a) Rs 26.5 b) Rs 0.265 c) Rs 2.65 d) Rs 0.0265	1
2.	The following are the number of goals scored by a team in a series of 11 football matches. 1, 4, 6, 5, 1, 2, 3, 5, 6, 5, 7 The median of the scores is a) 3 b) 4 c) 5 d) 6 **(OR)** The following are the number of goals scored by a team in a series of 10 football matches. 2, 1, 4, 5, 3, 2, 1, 1, 4, 3 The mode of the scores is a) 4 b) 3 c) 1 d) 5	1
3.	On subtracting (-8) from (-6), we get a) 2 b) 14 c) (-14) d) (-2)	1
4.	Which of the following is true? a) $1.16 > 1.4$ b) $1.16 < 1.2$ c) $1.163 > 1.70$ d) $1.14 < 1.040$	1
5.	The sum of two integers is (-14). If one of them is 20, then the other number is a) (-34) b) 6 c) (-6) d) 34	1

6.	The solution of $2x - 3 = 9$ is	1
	a) 6 b) (-6) c) 5 d) 4	
	Fill in the blanks given in questions 7 to 10 with the appropriate numbers or words.	
7.	The arithmetic mean of the first five natural numbers is ………………………….	1
8.	The range of the data 17, 65, 78, 90, 12, 18, 15, 10, 40 is ………………………….. **(OR)** When a die is thrown, the probability of getting number 5 is …………………………..	1
9.	The solution of the equation $x - 6 = 11$ is …………..	1
10.	Sum of 4 times y and 7 is 16. This statement can be written as an equation as …………………	1
11.	**Match the following** Column A Column B 6.23 × 5 180 35.7 ÷ 3 31.15 36 ÷ 0.2 1.72 2 × 0.86 11.9	4

SECTION B
Section B consists of 3 questions of 2 marks each.

12		2
	Study the graph given and answer the questions given below. a) Which mode of transport is highly preferred by Girls than Boys? b) Which is the most popular mode of transport for the students in the school?	

13	The table given below shows the coldest recorded temperatures in some countries.	2

COUNTRY	COLDEST RECORDED TEMPERATURE (IN DEGREE CENTIGRADE)
SYRIA	-11
YEMEN	0
TURKEY	-46
PAKISTAN	-24
UK	-27
OMAN	5

a) What is the difference between the coldest recorded temperatures of Turkey and Oman?
b) What is the difference between the coldest recorded temperatures of Turkey and UK?

14		2

Fig.1   **Fig.2**

a) What fraction is represented in Fig.1?
b) What fraction is represented in Fig.2?

(OR)

In figure, some fractions are shaded in grey colour.

Which fraction is the largest among the given fractions?

SECTION C
Section C consists of 4 questions of 3 marks each.

15	Evaluate each of the following: a) (-3)×(-7)×(-5)×(-4) b) $[(-36) \div 12] \div 3$ c) $(-30) \times [13 + (-3)]$	3
16	The age of Ankur's father is 7 years more than three times Ankur's age. If Ankur's father is 64 years old, then find Ankur's age. **(OR)** Eight times a number increased by 23 gives 119. Find the number.	3

17	Evaluate the following:
	    a) 11.2 × 0.15
	    b) 651.2 ÷ 4
	    c) 3.25 ÷0.5
	
	        (OR)
	
	Evaluate $\dfrac{6}{13} + \dfrac{7}{52} + \dfrac{3}{4}$
		3

18	An elevator descends into a mine shaft at the rate of 8 m/min. If the descent starts from 10 m above the ground level, how long will it take it reach (-350) m?	3

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SECTION D
Section D consists of 1 question of 4 marks.

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19	Population of a country (in millions) was as follows from 2017 to 2021.	4

Year	2017	2018	2019	2020	2021
Population (in millions)	80	85	100	120	130

Represent the data on a bar graph.
       (OR)
The sale of cars by a company from 2016 to 2020 is as follows.

Years	2016	2017	2018	2019	2020
Sale	2000	2200	3500	3000	4000

Represent the data on a bar graph.

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SECTION E
Case study question is compulsory.

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20	The bar graph given below shows the rainfall in a city from May to September during 2021.	4

    a) What is the maximum rainfall in the city and in which month it is?
    b) What is the minimum rainfall in the city and in which month it is?
    c) Which two months have the same rainfall and how much?
    d) What is the rainfall in July month?