 **SINDHI HIGH SCHOOL, HEBBAL**

**I-PERIODIC TEST (2022\_23) Subject: Mathematics**

**Class: VII Max Marks:30**

**Date: 02-08-2022 Reading time:8:00am to8:10am**

**No.of sides: 3 Writing time:8:10am to 9:10am**

**General Instructions**

All questions are compulsory.

This question paper contains two parts A and B.

Part A consists two sections- I and II

Section I has 6 questions of 1 mark each. And section II has 1 case study

Case study has four questions in MCQ form

# Part – B consists of three sections III , IV , and V

# Question No. 8 to 10 are very short answer type questions of 2 mark each

# Question No.11 and 12 are short answer type questions of 3 marks each

Question No. 13 and 14 are long answer type questions of 5 marks each.

**Part-A**

**SECTION -I** **1x 6 = 6**

1) Suman has to locate (-4) on the number line. Which side of the zero he has

to move?

2) The product of 135 ⨯ 26 is 3510.

Find the product of

i) 1.35 x 2.6 ii) 0.135 ⨯ 0.26

3) Represent 2 + (─ 3) on the number line.

4) Which is greater?

107.356 or 107.365?

5) Express 75 mm in

i) metre ii) kilometre

6) Provide the number in the box such that

21.46 ─ = 10.50

**SECTION- II 1x 4 = 4**

7) Roshan learnt integers in the school .Teacher explained the number line and

the operations , sign rule as well. His brother gave him a worksheet based on

his leaning, which are as follows.

Nagpur

Bangaluru

Kashmir

Shimla

0

40

20

-10

-7

i) The coldest city is

a) Kashmir b) Shimla c) Bangaluru d) Delhi

ii) The difference in temperature between the hottest and the coldest city is

a) 43⁰ C b) 53⁰ C c) 40⁰ C d) 50⁰ C

iii) If the temperature falls by 4⁰ C the temperature of Nagpur will be

a) 44⁰ C b) 4⁰ C c) 36⁰ C d) 47⁰ C

iv) If the temperature of Shimla rises by 2⁰ C , its temperature will be

a) ─9 ⁰ C b) ─5⁰ C c) 9⁰ C d) 5⁰ C

**Part-B**

**SECTION III**  **2 x 3 = 6**

8) Simplify

(─ 48 ) + (29 ) ─ (16) + ( ─16)

9) a) Write the following decimal numbers in descending order

13.009 ; 11.900; 13.900 ; 11.009

b) What is the difference between the place value of 5 in 946.515 ? Express

the answer in decimals.

10) Represent (─3)⨯ 4 on the number line.

**SECTION-IV**  **3 x 2 = 6**

11 a) Solve by using relevant property of integers.

{ (29) ⨯(─41)} + {(29) ⨯(─ 49)}

b) Simplify:

(15 ─ 3) + { (15 ÷ (─ 3)} ─ (─2)

12) a) If a= (─ 7) , b = 6 c=(─2)

Verify distributive property of multiplication over addition of integers stating

the general rule.

b) Find the product of

(─1) ⨯ (─1) ⨯ (─1) ⨯ (─1) ⨯ …….. 19 times.

**SECTION-V 4 ⨯ 2 = 8**

13) a) Sudheshna bought 7 kg 275 g of potatoes and 4 kg 350 g of carrots.

Sudeep bought 4 kg 750 g of potatoes and 5 kg 450 g of carrots. Who

bought more vegetables ? by how much ?

b) Find the product by shifting the decimals : 0.3 ⨯0.3 ⨯0.3

14) a) The length of a rectangular table is 14.2 cm and its breadth is 7.5 cm .

Find its area and perimeter.

b) Divide 14.365 by 1000

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