** Bhartiyam International School**

**Periodic Assessment – 1 (2022-23)
 Subject: Maths(SET- A)**

 **Class: VII**

**Date: 13/07/2022 Max. Mark: 20
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_ Duration: 1 hr**

Instructions:

This question paper consists of four sections.

Section A consists of 6 marks

Section B consists of 4 marks

Section C consists of 6 marks.

Section D consists of 4 marks.

There is no internal choice. All questions are compulsory.

**Section - A**

1. Fill in the blanks: (0.5 $×4$ = 2)

1. 54 $×$ 76 = 76 $×$ \_\_\_
2. 540 = \_\_\_\_\_
3. (-1)odd number = \_\_\_\_\_
4. a + 0 = \_\_\_\_\_

2. Multiple choice questions – (1 $×$ 4 = 4)

i. Which is greater 42 or 32 -

(a) 16 (b) 9 (c) 8 (d) None of these

ii. (-200) – (-289) is equal to -

(a) -289 (b) 89 (c) -89 (d) None of these

iii. Write the exponential form of 81

(a) 34 (b) 35 (c) 36 (d) None of these

iv. Replace the blank with an integer to make the statement true

(-13) $×$ \_\_\_\_= 182

(a) -14 (b) -11 (c) 16 (d) None of these

 **Section – B** (2 $× $2 = 4)

3. Write the pair of integers whose sum is -3.

4. Using laws of exponents, simplify : 32 $×$ 33

**Section - C** (3 $×$ 2 = 6)

5. Simplify : $\frac{ 2^{3}× 3^{4}×4}{3 × 32}$

6. Verify that *a* $÷ $*(b + c)*$ \ne $ *(a*$÷$*b) + (a* $÷$*c)* for the values of *a, b* and *c.* Where *a* = 12,*b* =-4 and *c* = 2

 **Section – D** (4 $×$ 1 = 4)

7. In a test (+ 5) marks are given for every correct answer and (-2) marks are given for every incorrect answer. Radhika answered all questions and scored 30 marks though she got 10 correct answers. How many incorrect answers Radhika attempted?