**Bhartiyam International School**

**Periodicv Assessment – 1 (2022-23)**

**Subject: Science (SET -2)**

**Class VIII**

**Date: 12/07/2022 Max. Mark: 20**

**Name. ­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­ \_\_\_\_\_\_\_\_\_ Roll no. \_\_\_\_\_\_ Duration: 1 hr**

General Instructions:

1. The question paper contain three sections.

2. All questions are compulsory

3. Marks for each question are marked along with.

**Section - A**

**I. FILL IN THE BLANKS: 0.5×4=2**

i. \_\_\_\_\_\_\_\_\_\_\_\_\_ units of inheritance present on the chromosomes.

ii. A plastic comb is rubbed with dry hair full stop it is then brought near some bits of paper then the com attracts the bits of paper because of \_\_\_\_\_\_\_\_\_\_\_force.

iii. The ratio between force and \_\_\_\_\_\_\_\_\_is called pressure.

iv.\_\_\_\_\_\_\_\_\_\_\_\_ cell organelle is known as the brain of the cell.

**II. Very Short Answer Questions. 1×4=4**

1. Which is the longest cell in our body?

2. A school bag has wide straps made of thick cloth. Give reason for it.

3. Name the force that acts on a body from a distance.

4. Which is the smallest cell in the world?

**Section - B**

**III**. **Short Answer Type Questions.**

**(Questions 5 and 6 are of 2 marks each and 7 and 8 are of 3 marks each)**

5. What can be the various effects of force on an object? 2

6. What are suicidal bags? 2

7. On what area should a force of 100 Newton act to produce a pressure of 500 Pascal? 3

8. Define cell membrane and state its functions. 3

**Section - C**

**IV. Long Answer Type Questions. 4 x 1=4**

9. Draw the well labeled diagram of a basic cell structure.