



DELHI PUBLIC SCHOOL FIROZABAD

(Under the aegis of Delhi Public School Society, East of Kailash, New Delhi)

(A senior secondary school)

Affiliated to C.B.S.E New DELHI



JANUARY WORKSHEET NO. 1

Class- VIII

Date- 14/1/2022

Name-

Subject- Science

Roll No.-

(PHYSICS, CHEMISTRY & BIOLOGY)

PHYSICS (Stars and the solar system)

1. What is the speed of light?
2. Which is the brightest planet in the night sky?
3. Name the star which is nearest to our solar system.
4. Which planets do not have satellite of their own?
5. Which planet is called red planet?
6. What is the other name of Orion?

CHEMISTRY (Chemical effects of electric current)

1. Fill in the blanks
 - (a) The object to be electroplated is taken as _____ electrode.
 - (b) One of the most common applications of chemical effect of electric current is _____.
 - (c) Small amount of a mineral salt present naturally in water makes it a _____ of electricity.
 - (d) Electroplating of _____ is done on objects like water taps and cycle bell to give them a shiny appearance.
2. Why is tin electroplated on iron to make cans used for storing food?
3. Will the solution of sugar in distilled water conduct electricity?
4. Name the effect of current responsible for the glow of the bulb in an electric circuit.
5. Why is a layer of zinc-coated over iron?

BIOLOGY (Cell- structure and function)

1. What is cell?
2. What are the functions of mitochondria & plastids ?
3. Do all the cells are of same shape and size ? write examples to support your answer.
4. What is the structure that gives plant cell more strength?
5. Do cytoplasm and protoplasm are same? If not what is the difference?