



# 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- VII

Date- 14/1/2022

Name-

Subject- Science

Roll No.-

(PHYSICS & BIOLOGY)

### PHYSICS (Electric current and its effects)

1. Mention the name of the two devices that work on the basis of magnetic effects of current.
2. Name the device used these days in place of electric fuses in electrical circuits.
3. Briefly mention which part of the symbol of battery shows positive and negative
4. Briefly state the effects of electricity.
5. If the filament of the bulb is broken, would the circuit be complete? Would the bulb still glow?

### BIOLOGY (Reproduction in plants)

1. Fill in the blanks with correct terms.  
The male and female gametes fuse to form a \_\_ (a) \_\_ during the process of \_\_ (b) \_\_. This grows into an \_\_ (c) \_\_ which is enclosed within a seed. After fertilisation the ovules develop into \_\_ (d) \_\_ and the ovary develops into a \_\_ (e) \_\_.
2. Fungus, moss and fern reproduce by a common method of asexual reproduction. Name the method.
3. Boojho had the following parts of a rose plant – a leaf, roots, a branch, a flower, a bud and pollen grains. Which of them can be used to grow a new rose plant?
4. Pick the odd one out from the following on the basis of mode of reproduction and give reason for it.  
[Sugarcane, Potato, Rice, Rose]
5. In the diagram given in figure, label the parts marked (a), (b) and (c).

