

CLASS – VI

G. SCIENCE

ASSIGNMENT NO. – 3

ELECTRICITY & CIRCUITS

SA-2

Q.1 What is a power station? Name a few types of power stations.

Q.2 What is an electric cell? Draw a diagram of the cell.

Q.3 Name any four devices in which electric cells are used.

Q.4 Name the element which is used to make the filament of the bulb.

Q.5 Describe the construction of an electric bulb.

Q.6 What is an electric circuit? What is the direction of current in a circuit?

Q.7 What do you mean by a fused bulb? Why does a fused bulb not glow?

Q.8 Define a switch. Describe an activity of making a switch at home.

Q.9 Differentiate between conductors and insulators, giving suitable examples.

Q.10 Give reasons why switches and sockets are made up of conductors while coverings of electrical wires and plug tops are made up of insulators.

Q.11 Name the following:

(i) The source of electricity. (ii) The two terminals of a cell.

(iii) A combination of two or more cells

(iv) A metal which is used to make the filament of a bulb.

(v) An electrical gadget to break an electric circuit.

(vi) Name the person who invented the cell and the one who invented the electric bulb.