

**SCIENCE**  
**CLASS VI**  
**ASSIGNMENT**

**Give reasons:**

- a. Squeezing oranges for juice is a physical change.
- b. Idli batter rise when kept overnight without refrigeration.
- c. Baking of cake is a chemical change.
- d. Melting of ice-cream is a physical change.
- e. Baking of roti is a chemical change.
- f. Wear rubber gloves while handling electrical gadgets.
- g. Electric toaster and kettles have wooden handles.
- h. One should not touch switches with wet hands.
- I. Ozone layer is very important for the earth's atmosphere.
- j. Motion of football players in a game is an example of random motion.
- k. Birds have hollow bones.
- l. Freely suspended magnet always points in north-south direction.
- m. Electrical fires must never be extinguished using water.
- n. Leaves of cactus are reduced to spines.
- p. Camel has huge hump.
- q. Penguins have a layer of fat under their skin.
- r. Pines are conical in shape.
- s. Lions have sharp teeth and long claws.

**Differentiate between the following:**

- a. Biodegradable waste and non-biodegradable waste.
- b. composting and vermicomposting.
- c. condensation and vaporisation.
- d. Droughts and floods.
- e. Conductors and insulators.
- f. Open circuit and closed circuit.
- g. Luminous and non- luminous object.
- H. Transparent object and opaque object.
- i. Terrestrial organisms and aquatic organisms.
- j. Magnetic and non-magnetic ma

**TICK THE CORRECT ANSWER**

**1) Human body is \_\_\_\_\_ of electricity.**

- A. Good conductor
- B. Sometime good conductor
- C. Neutral
- D. Bad conductor

**2) In which case bulb will glow if following materials are placed in circuit?**

- A. Metal spoon
- B. Plastic comb
- C. Thin plastic sheet
- D. Plastic clip

3) When a magnet is suspended freely it always aligns itself in ----- direction?

- a) North
- b) N-S
- c) N-W
- d) N-E

4) ----- is the only natural magnet.

- a) Magnetite
- b) Ebonite
- c) Cobalt
- d) Nickel

5) Which of the following cannot be used to make a magnet?

- a) Cobalt
- b) Iron
- c) Ebonite
- d) Steel

6) Floods causes extensive damage to

- (a) crops.
- (b) property and human life.
- (c) domestic animals.
- (d) all of the above.

7) "Catch water where it falls" is the basic idea behind

- (a) recycling of water.

- (b) making dams to store water.
- (c) rain water harvesting.
- (d) condensation of water vapour.

8) The method of preparing compost with the help of earthworms is called

- (a) composting
- (b) vermicomposting
- (c) manuring
- (d) decomposing

9) If you dump kitchen waste in a pit, it may, after sometime

- (a) convert into compost.
- (b) convert into vermicompost.
- (c) remain as such.
- (d) remain forever in its dried form.

10) Which of the following activities does not reflect responsible behaviour with regard to waste disposal?

- (a) Goods carried in paper bags or cloth bags.
- (b) Waste collected in polythene bags for disposal.
- (c) Waste separated into those that degrade and those that do not.
- (d) Making handicrafts with used up notebooks.

#### FILL IN THE BLANKS

- a) The three states of matter are .....,..... and .....
- b) Water is a .....natural resource.
- c) All living beings exhale .....gas during respiration.
- d) The percentage of nitrogen in air is .....
- e) Device used to make or break a circuit.....
- f) The filament of the bulb is made of .....
- g) The process of ..... Will not take place in the absence of sunlight.
- h) An object that emits light of its own is called .....
- i) The SI unit of length is .....
- k) Motion of swings is .....motion.

**DRAW A WELL LABELLED DIAGRAM OF THE FOLLOWING:**

1. Water cycle
2. Oxygen cycle
3. Solar eclipse
4. Lunar eclipse
5. Umbra and penumbra region
6. Pie chart showing composition of air
- 7) Open circuit and closed circuit.
- 8) Simple electric circuit.