

Grade- VII

Name of the Student:

Sec:

Branch

PHYSICS

1. A combination of two or more cells is called

- a. Battery
- b. Button cell
- c. An Electric cell
- d. Truck Battery

2. When an electric circuit from the positive terminal of the battery to the negative terminal of the battery is complete then the circuit is said to be

- a. Closed
- b. Open
- c. No changed
- d. Disconnected

3. Current flows through the circuit when the circuit is in the ____ condition

- a. Closed
- b. Open
- c. Broken
- d. Incomplete

4. An electric wire connected in a circuit gets heated up when current is allowed to flow through it. This is due to

- a. Heating effect of current
- b. Electrical effect of current
- c. Musical effect of current
- d. Optical effect of current

5. A glowing filament will be

- a. As a low temperature.
- b. At a high temperature
- c. Atmospheric temperature.
- d. At the temperature of ice

6. The heat energy produced by a glowing bulb can be minimised by using _____ bulb in place of ordinary electric
- bulbs
 - CFL bulbs
 - Torch
 - kerosene lamp
7. The wire which melts and breaks the circuit when large current is allowed to flow through it is called
- A fuse wire
 - Electric wire
 - Connecting wire
 - Filament
8. _____ piece is attracted by an electromagnet
- Wood
 - Iron
 - Plastic
 - Rubber
9. An electromagnet is one which behaves as a magnet when current is _____
- Allowed to flow through
 - Not allowed to flow through
 - Stopped from flowing through it
10. When the current flowing through the fuse wire exceeds the safety limit, then it will be _____ breaking the circuit.
- Melted away
 - Remains the same
 - Damages the circuit
 - Makes the circuit remains connected.
11. Who discovered that when a compass needle is kept nearer to an electric circuit in which current is flowing it deflects,
- Hans Christian Oersted
 - Michael Faraday

- c. Galileo
- d. Newton

12. When electric current passes through a wire, it behaves like a magnet. This is the

- a. Magnetic effect of current
- b. Electrical effect of current
- c. Heating effect of current
- d. Optical effect of current

13. Electric Bell works on the principle

- a. Electrical energy is converted into mechanical energy
- b. Electrical energy is converted into sound energy
- c. Mechanical energy is converted into sound energy
- d. Sound energy is converted into electrical energy

BIOLOGY

1. All plants and _____ are living things
2. Most plants grow from _____
3. Non-living things found in nature are called _____ things
4. Non-living things made by man are called _____ things.
5. Animals lay _____ or give birth to young ones.
6. The connecting link between living and nonliving is _____
7. Suitable things in which process like respiration, movements, growth, reproduction nutrition etc. occur are _____
8. Animals depend mainly on _____ for their food.
9. Living beings take in _____ during respiration.
10. Animals can _____ from one place to another.
11. All living things need food, _____ and water to live.
12. Group of cells together called as _____
13. _____ is the basic unit of life.
14. Plants and animals living together in a particular habitat is called _____
15. Soil , water and air are the _____ factors of a habitat.