

General Science (English Medium) - 5th Class Science Chapter 7 Short Questions Test

Q1. You are given a bulb. What other components are required to light it up.

Ans 1: We have given a bulb. other components are required to light it up that Bulb holder Metal wire, Cell or battery and a switch

Q2. Define electric circuit and its components.

Ans 1: Electric circuit: Electric circuit is a path of flow of current
Components of Electric Circuit: Bulb, battery, cell and switch are called the components of electric circuit.

Q3. Define Fuse.

Ans 1: Fuse is a piece of thin wire that is used in an electric circuit to protect electrical appliances.

Q4. How are directions known using a magnetic compass.

Ans 1: To perform an experiment to know the use of a magnetic compass.
1- To know directions at any place put a magnetic compass on a table or ground its needle will stay along north south direction
2- Ensure there is no other magnet or an object made of iron near it.
3- Rotate the compass slowly until the north pole of the needle is aligned with the north direction of the compass.
In this condition, the magnetic compass will indicate correctly the four directions marked on it.

Q5. What is meant by Open circuit.

Ans 1: On turning the switch OFF, the circuit becomes incomplete or OPEN, so the current stops flowing through the circuit. It is called an open circuit.

Q6. Define electric current.

Ans 1: Flow of charge is known as an electric current.

Q7. Give one example of static electricity.

Ans 1: The clouds are charged due to rubbing with air. One end of the cloud becomes positive and the other negative. A spark is produced when clouds having opposite charges come near each other. We call it lightning. This is a kind of static electricity

Q8. Define closed circuit.

Ans 1: On turning the switch ON, the circuit becomes complete or closed due to which current starts flowing through it. It is called a closed circuit.

Q9. How many poles of a magnet are there?

Ans 1: The both ends of a magnet are called its magnetic poles.
Red colour is coated to show north pole, that is labeled as (N)
Blue colour is coated to show south pole, that is labeled as (S)

Q10. What is an electromagnetic compass? Write its one use.

Ans 1: An electromagnetic compass is a device which consists of a freely suspended magnet needle which is suspended north-south direction. An electromagnetic compass is used to determine the direction of the Qibla.
