

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

Q1. Describe the structure of atom.

Ans 1: Atom consists of smallest particles. These particles are called electrons, protons and neutrons. Protons have positive charge. Electrons have negative charge and neutrons have no charge. Protons and neutrons are present in the nucleus of atoms, while electrons are present around the nucleus.

Q2. Define Conductors and Insulators.

Ans 1: Conductor: The materials through which current can pass are called conductors e.g. iron, copper etc.
Insulator: The materials through which current cannot pass are called insulators. e.g. wood, rubber, plastic etc.

Q3. When a plastic comb is pulled through dry hair, it is negatively charged. What is the charge on the hair? What is the cause of hair to push apart.

Ans 1: When a plastic comb is pulled through dry hair, it is negatively charged. While positive on the hair, due to which hair sticks with comb. This is the reason for hair to push apart.

Q4. Why does an iron nail stuck to a magnet attract another nail.

Ans 1: An iron nail stuck to a magnet attracts another nail because the first nail attaches itself to a powerful magnet and becomes a magnet itself.

Q5. Can we make two magnets having use pole each by breaking a bar-magnet.

Ans 1: No, when we break a bar magnet, then two more bar magnets are formed. Each of these bar magnets has two poles.

Q6. How to tell if a diamond is real or fake.

Ans 1: Usually the conductors of electricity are also the conductors of heat. However, diamond is an insulator for electricity, but a conductor for heat, hence, the jewelers can verify the real or fake diamond by touching it with their lips.

Q7. 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.

Q8. How many types of magnet.

Ans 1: There are three types of magnet.
Temporary magnet , Permanent magnet , Electromagnet

Q9. What is electromagnetic compass? Write its one use.

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

Q10. How many poles of magnet are.

Ans 1: The both ends of 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)
