

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

Q1. How many types of magnet.

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

Q2. Why does a bulb light up in a closed circuit.

Ans 1: When circuit becomes closed or complete due to which current starts flowing through it, due to which the bulb is light up

Q3. Define Electromagnet.

Ans 1: When an iron nail or a rod is placed in a current carrying coil. It becomes a magnet. This is known as electromagnet.

Q4. Where is the freely suspended magnet stay.

Ans 1: A freely suspended magnet always points in the north south direction

Q5. What is meant by magnetic materials.

Ans 1: Materials which are not attracted by the magnet are called non-magnetic materials e.g. copper, wood, plastic , rubber, and glass.

Q6. 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

Q7. 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

Q8. What is meant by an 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.

Q9. 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.

Q10. 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.
