

## Practice worksheet for class 8

### Chapter 15:- Some Natural Phenomena

**Q.A.) Select the correct option.**

**1.) When a plastic refill is rubbed with polythene, it requires**

- a. High electric charge
- b. Small electric charge
- c. Doesn't require any charge
- d. None of these

Answer: - b. Small electric charge

**2.) Earthing is provided in building to protect us from**

- a. Rain
- b. Sun
- c. Air
- d. Electric shocks

Answer:- d. Electric shocks

**Q.B.) State whether the following statements are true or false.**

**1.) Earthquakes are caused by movement of earth plates.**

Answer:- True

**2.) Lighting strike gives light.**

Answer:- False

**3.) Unlike charges repel each other and like charges attract.**

Answer:- False

**4.) Objects can be changed by rubbing other objects.**

Answer:- True

**Q.C.) Define the following.**

**1.) Define seismograph.**

Answer:- The waves are recorded by an instrument called seismograph.

**2.) Define Richter scale.**

Answer:- The power of an earthquake is expressed in terms of magnitude on a scale called the Richter scale.

**3.) Define earthing.**

Answer:- The process of transferring of charge from a charged object to the earth is called earthing.

**4.) Define electroscope.**

Answer:- A device used to test whether the object is carrying charge or not is called electroscope.

**Q.D. Answer in brief.**

**Q.1.) Where was the earthquake occurred?**

Answer:- a. A major earthquake was occurred in India on 8 October 2005 in Uri and Tangdhar towns of North Kashmir.

b. A major earthquake was occurred in 26 January 2001 in Bhuj district of Gujarat.

**Q.2.) What is an earthquake?**

Answer:- a. An earthquake is a sudden shaking or trembling of the earth which last for a very short time.

b. It is caused by disturbance deep inside the earth crust.

c. Earthquake occurs over all the time, all over the world.

d. Major earthquake are less frequent.

e. Earthquake can cause landslide, tsunamis and floods.

**Q.3.) What are lightning conductors?**

Answer:- a. Lightning conductors is a device to protect building from effect of lightning.

b. A metallic rod taller than the building is inserted in the wall of building during construction.

c. One end of the rod is kept in the air and other end is buried deep in the ground.

d. The rod provides easy route for the transfer of electric charge to the ground.

e. The metal columns used during construction, electric wires and water pipes in the building also protect us to an extent.