

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session: 2023-2024 - Worksheet

Class: VIII

Subject: Science

Chapter: Some Natural Phenomena

Q.1.Fill in the blanks:

- Phenomena that occurs naturally like floods, thunderstorms and lightning is known as _____.
- An atom is made of up of positively-charged particle that is found inside the nucleus is called _____.
- The molecules that are electrically charged are called _____.
- If body is positively-charged, it has less _____.
- _____ is a device that measures the presence and type of a charge present inside an atom or molecule.

Q.2.State whether the statement is true or false:

- An electrical fish eel is found in India, which produces 100 volts of electricity.
- Lighting conductor is a device used by the people on the top of the buildings to save them from lightning.
- Seismograph is used to measure the level of earthquakes.
- We live in the Earth's crust.
- The formation of lithosphere consists small rock plates called tectonic plates.

Q.3.Multiple choice questions:

(a)What do we call the method of charging a non-charged body by transferring some charge due to contact?

- Conduction
- Thunderstorms
- Lightning
- Natural Phenomena

(b)Which natural phenomena causes tsunamis and landslides?

- Friction
- Flood
- Thunderstorms
- Earthquake

(c)Which of the following is the upper surface of the Earth?

- Mantle
- Crust
- Inner Core
- Outer Core

(d) Which of the following is the most threatening state by earthquake?

- i. Tamil Nadu
- ii. Maharashtra
- iii. Kashmir
- iv. Assam

Q.4. Name the following words:

- a. An electrical charge atom or molecule.
- b. When north and north poles of two magnets get closer to each other.
- c. Transferring of charge to an uncharged body through charged body by physical contact.
- d. A device that is used to detect the availability of the charge and the type of the charge in the body.
- e. The surface of the earth where we live.

Q.5. Very short question answers:

- a. List three states in India where earthquakes are more likely to strike.
- b. How will you charge a glass rod by the method of friction?
- c. What is a flash of light which occurs in the sky during the rainy season called?
- d. Name the scientist who showed that lightning and the spark from your clothes are essentially the same phenomena.
- e. What type of electric charge is acquired by a rubber balloon when rubbed with a woollen clothes?