

**DELHI PUBLIC SCHOOL, JAMMU**  
**SESSION (2018-2019)**  
**ASSIGNMENT SHEET-I (JULY)**

**CHAPTER - SOME NATURAL PHENOMENA**

**Class: VIII**

**Subject: Science**

**Very Short Answer type questions**

1. Name the device to detect electric charge on a body.

Ans. \_\_\_\_\_

2. Name the instrument used to measure and record an earthquake.

Ans. \_\_\_\_\_

3. Name the material of which a lightning conductor is made.

Ans. \_\_\_\_\_

4. Define the epicentre of an earth quake.

Ans. \_\_\_\_\_

5. What is the application of earthing?

Ans. \_\_\_\_\_

6. What are seismic or fault zones?

Ans. \_\_\_\_\_

7. Who discovered the static electricity or lightning in clouds?

Ans. \_\_\_\_\_

8. What happens when two charges are brought closer to each other?

Ans. \_\_\_\_\_

9. Name some natural phenomena which can be predicted to some extent.

Ans. \_\_\_\_\_

10. A glass rod is rubbed with a silk cloth. What type of charge is acquired by

a) silk cloth

b) glass rod.

Ans. \_\_\_\_\_

## Multiple Choice Questions

### Tick the right answer

- Which of the following cannot be charged by friction, if held by hand?  
a) a plastic scale  
b) a copper rod  
c) an inflated balloon  
d) a woolen cloth
- Which of the following are transferred from one object to another when these two objects are charged by friction?  
a) Atoms  
b) Protons  
c) Neutrons  
d) Electrons
- The magnitude of an earthquake is measured on  
a) Celcius scale  
b) Kelvin scale  
c) Decibel scale  
d) Richter scale
- Which of the following area of India is not the most threatened by earthquakes?  
a) North-east  
b) Kashmir  
c) West-Bengal  
d) Rajasthan
- Lightning can even burn up a tree, lightning contains a tremendous amount of  
a) Heat energy  
b) Electrical energy  
c) Chemical energy  
d) Nuclear energy
- Tsunami means  
a) Earthquake  
b) Floods  
c) Earthquake under the sea  
d) Eruptions of volcano in the sea
- Which of the following occurs during lightning?  
a) Acid rain  
b) Nitrogen fixation  
c) Green house effect  
d) Earthing
- Which is not a natural phenomenon  
a) Earthquakes  
b) lightning  
c) Cyclones  
d) Earthing
- When two bodies are rubbed against each other, they acquire  
a) equal and like charges  
b) equal and unlike charges  
c) unequal and like charges  
d) unequal and unlike charges
- How many types of charges are gained by rubbing objects?  
a) Two  
b) One  
c) Three  
d) Four