

Board – CBSE

Class – 8

Topic – Some Natural Phenomena

SHORT ANSWER TYPE QUESTIONS

1. Who had shown the presence of electric charges in the clouds?
2. What kind of charge is produced in silk cloth when rubbed against a glass rod?
3. What are electrostatic charges?
4. Name the kinds of charges.
5. What happens when a body loses or gains electrons?
6. State two uses of an electroscope.
7. Who discovered the phenomenon of static electricity?
8. What is the use of lightning conductors?
9. What is the focus of an earthquake?
10. What is the meaning of the word tsunami?

ANSWER THE FOLLOWING IN BRIEF

1. What causes lightning? What happens when lightning strikes a tree or a high building?
2. What is the crust of the earth?
3. What is the use of a Richter scale?
4. What is the use of a Seismograph?
5. What is the cause of a volcanic eruption?
6. What do you mean by soil liquefaction?
7. What do you mean by charging by induction?
8. What do you mean by charging by conduction?
9. When two bodies are rubbed together, what is the relation between the charges acquired by them?
10. What kind of charges does a rod charged by induction acquire?

ANSWER THE FOLLOWING IN APPROPRIATE DETAIL

1. What do you mean by electric charge? How can you detect a charge on a body?
2. With the help of an experiment, show that they attract each other when two bodies are rubbed.
3. What is the cause of an earthquake?
4. What is lightning? Can it be dangerous? State the principle of the lightning conductor.
5. What are the effects of an earthquake?
6. What are the precautions one should take during lightning and thunderstorm?
7. Explain how charge can be transferred from one body to another.
8. What is an electroscope? Explain how you will use it to detect a charge?
9. Explain briefly how lightning occurs in nature.
10. How does an earthquake occur in nature. List some destructive and some constructive consequences of the earthquake.