

Bharatiya Vidya Bhavan's V.M. Public School

Chapter – 16 : Some Natural Phenomena

I. Fill in the blanks :

1. The process of transferring of charge from a charged object to the earth is called_____.
2. The electrical charges produced by rubbing are _____ charges.
3. When charges move, they constitute an _____.
4. Earthing is provided in buildings to protect us from _____.
5. The device which is used to test whether an object is carrying charge or not is called _____.
6. The process of electric discharge between clouds and the earth or between different clouds causes _____.
7. Like charges _____ each other.
8. Unlike charges _____ each other.

II. Answer the following :

1. Write the different methods of charging a body.
2. Define: Lightning conductors
3. What is a Richter scale? On the basis of Richter scale, define mild and strong earthquakes.
4. How do earthquakes occur? Explain briefly.
5. What are the main reasons behind the occurrence of an earthquake?
6. What are the various precautions that one should observe during an earthquake?
7. Describe construction and working of electroscope.
8. Explain why it is safer to use a wireless telephone instead of landline telephone during lightning?
9. You might have observed on a dry day that when you touch the screen of television or computer monitor, you get a slight shock. Why does it happen?
10. During the construction of building the lightning conductor was left hanging in the air by mistake. Would the lightning conductor be still effective? Explain.