

CBSE Class 8 Science
NCERT Exemplar Solutions
CHAPTER – 15
SOME NATURAL PHENOMENA

VERY SHORT ANSWER QUESTIONS

11. State whether the following are True or False :

- (a) Earthquakes occur all the time all over the world.**
- (b) The plates of the outermost layer of the earth are always in continuous motion.**
- (c) Tremors on the earth can also be caused by the eruption of a volcano.**
- (d) The process of electric discharge cannot occur between clouds and the earth.**
- (e) Bathing outdoors should be avoided during thunderstorm.**

Ans: (a) True (b) True (c) True (d) False (e) True

12. Is it possible to predict the occurrence of an earthquake ?

Ans: No, it is not possible to predict the occurrence of an earthquake. As it is a sudden shaking or trembling of the earth lasting for a very short duration of time.

13. If a charged plastic straw is brought near another uncharged plastic straw, what will happen ?

Ans: If a charged plastic straw is brought near another uncharged plastic straw, then charged plastic straw will attract uncharged plastic straw.

14. The aluminium strips in an electroscope as shown in fig. 15.1 are replaced by plastic strips and a charged body is brought in contact with the metal clip. What will happen ?



Fig. 15.1

Ans: No divergence of strips will take place as plastic strips are poor conductor of electricity. Hence, no charge can travel through them. So they do not repel each other.

15. Plastic straws A and B are rubbed with dry cotton cloth. What will happen if they are brought near each other ?

Ans: They will repel each other as rubbing both of them with a piece of dry cotton cloth will make them acquire same charge.