INTERNATIONAL INDIAN SCHOOL BURAIDAH
CLASS – VIII
SUBJECT-SCIENCE

CH:12 Some Natural Phenomena

1. Which natural phenomena causes tsunamis and landslides?

i. Friction ii. Flood iii. Thunderstorms iv. Earthquake

2. Which of the following is the upper surface of the Earth?

i. Mantle ii. Crust iii. Inner Core iv. Outer core

3. Which of the following is the most threating state by earthquake?

I. Tamil Nadu ii. Maharashtra iii. Kashmir iv. Assam

4. A lightning conductor protects a building from lightning. What is a lightning conductor made of?

(a) Glass (b) Wood (c) Metal (d) Plastic

5. List any four safety measures to protect ourselves from lightning.

6. Explain why a charged balloon is repelled by another charged balloon whereas an uncharged balloon is attracted by another charged balloon?

7. Describe with the help of a diagram an instrument which can be used to detect a charged body.

8.. What is meant by earthing?

For the following questions, two statements are given- one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes (i), (ii), (iii), and (iv) as given below

i) Both A and R are true and R is correct explanation of the assertion.
ii) Both A and R are true but R is not the correct explanation of the assertion.
iii) A is true but R is false.
iv) A is false but R is true

9. .Assertion (A): When we touch a charged body, it loses its charge, due to the process of Earthing. Reason (R): Our body is a good conductor of electricity and so it transfers the charges to the earth.

10. Assertion (A): Magnitude of an earthquake is measured on the Richter scale.
Reason (R): The earthquake measuring 7 or more on Richter scale can cause less impact to life and property.

11. Assertion (A): We should not stand under tall trees, take shelters in park or stand near any elevated place during lightning.
Reason (R): Electrical appliances should be unplugged during lightning.

12. Assertion (A): Electrical charges can be transferred from a charged object to another through a metal conductor.
Reason (R): Metal is a bad conductor of electricity.