

CLASS-VIII  
SCIENCE  
CHAPTER-15

Very Short Answer Questions

Question 1.

What are the two natural calamities?

Answer:

- Lightning and
- Earthquake.

Question 2.

Name other natural calamities except lightning and earthquake.

Answer:

Winds, storms and cyclones.

Question 3.

Name the two types of charges.

Answer:

- Positive; and
- Negative.

Question 4.

Mention the interactions of two types of charges.

Answer:

Like charges repel each other while unlike charges attract each other.

Question 5.

Name the device used to protect buildings from lightning.

Answer:

Lightning conductor.

Question 6.

In which direction does the shock waves produced by an earthquake travel?

Answer:

Both on the surface and inside the earth.

Question 7.

What happens when two clouds with unlike charges approach each other?

Answer:

Lightning strikes

Question 8.

Who discovered the static electricity or lightning in clouds and when?

Answer:

Benjamin Franklin in 1752.





★ **It is caused by a disturbance deep inside the earth's crust.**



★ **Question 19.**

★ **What are seismic waves?**

★ **Answer:**

★ **Waves produced on the Earth's surface because of tremors.**



★ **Question 20.**

★ **When and where a major tsunami took place in India?**

★ **Answer:**

★ **It occurred in the Indian ocean on 26th December 2004.**



★ **Question 21.**

★ **What are the natural calamities caused by earthquakes?**

★ **Answer:**

★ **Earthquakes can cause floods, landslides and tsunamis.**



★ **Question 22.**

★ **Which kind of material is used to transfer charges from one body to another?**

★ **Answer:**



★ **Metal conductor**



★ **Question 23.**

★ **What is lightning? What causes lightning?**

★ **Answer:**

★ **Lightning is also an electric spark, but on a huge scale. It is caused by the accumulation of charges in the clouds.**



★ **Question 24.**

★ **What is an electric charge? What are charged objects?**

★ **Answer:**

★ **When a plastic refill is rubbed with polythene it acquires a small electric charge. Similarly when a plastic comb is rubbed with dry hair, it acquires a small charge. These objects are called charged objects.**



★ **Question 25.**

★ **What is static charge? How does it differ from electric current?**

★ **Answer:**

★ **The electric charges generated by rubbing are called static charges. The static charges do not move while charges move in electric current.**



★ **Question 26.**

★ **What is earthing? What is the application of earthing?**

★ **Answer:**

★ **The process of transfer of charges from a charged object to the earth is called earthing. It is provided in buildings to protect from electrical shocks due to any leakage of electrical current.**

