SCIENCE CHAPTER-15

Very Short Answer Questions

Question 1.

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What are the two natural calamities?

Answer:

- Lightning and
- Earthquake.

★Name other natural calamities except lightning and earthquake.

Winds, storms and cyclones.

Name the two types of charges.

Answer:

- Positive; and
- Negative.

Question 4.

Mention the interactions of two types of charges.

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

★ Name the device used to protect buildings from lightning.

Answer:

Lightning conductor.

☆ 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.

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What actually causes lightning?

♠Answer:

                                                                                    ★Lightning is caused by the accumulation of charges in the clouds.

    Question 10.

★What happens when amber is rubbed with fur?
Answer:
 It develops the capacity to attract light objects.

    Question 11.
    ☐
What is static electricity?
 Answer:
 The electrical charge reproduced by rubbing two objects is called static electricity
Question 12.
What happens when a glass rod and silk cloth are rubbed with each other?
 Answer:
 The glass rod gets positively charged and silk cloth negatively charged.
Question 13.
 What is lightning?
Answer:

★Lightning is an electric spark on huge scale.

Question 14.
♦ What are weak zones called?
☆Answer:
Seismic or fault zones.

☆ How are most earthquakes caused?

 Most earthquakes are caused by the movement of earth's plates.
☆What is a plate?
Answer:
 Each fragment of the outermost layer of the earth is called plate.
Question 17.
What is the uppermost layer of the earth called?
 Answer:
 Crust
Question 18.
 How is an earthquake caused?
Answer:
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*********** 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. Ouestion 20. ★When and where a major tsunami took place in India? Answer: It occurred in the Indian ocean on 26th December 2004. ★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 ★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? 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. ★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. Ouestion 26. What is earthing? What is the application of earthing? The process of transfer of charges from a charged object to the earth is called earthing. It is