

CLASS NOTES

Class: VII

Topic: Water
Questions & Answers
29.09.21

Subject: Social Science

Answer the following questions: (To be written in copy)

Q1. What is Precipitation?

Ans1. Falling of moisture in the form of rainfall, snow, fog, sleet and hailstone is termed as Precipitation.

Q2. What is water cycle?

Ans2. The water cycle is the process by which water continually changes its form and circulates between oceans, atmosphere and land.

Q3. What are the factors affecting the height of the waves?

Ans3. The factors affecting the height of the waves are :

- i) Earthquake
- ii) Volcanic eruption
- iii) Speed of wind
- iv) Gravitational force of sun and moon
- v) Underground landslides

Q4. Which factors affect the movement of ocean water?

Ans4. The factors affecting the movement of ocean water are:

- i) Temperature
- ii) Winds
- iii) Gravitational pull of the sun & Moon
- iv) Rotation of the Earth
- v) warm and cold currents

Q5. What are tides and how are they caused ?

Ans5. Tides are the rhythmic rise and fall of ocean water that occur twice in a day. The strong gravitational pull exerted by the sun and the moon on the earth's surface causes the tides.

Q6. What are ocean currents?

Ans6. Ocean currents are streams of water flowing constantly on the ocean surface in definite directions.

Give reasons:

a) Ocean water is salty.

Ans. Ocean water is salty because it contains a large amount of salt dissolved in it. Ocean water majorly contains the sodium chloride or the common salt.

b) The quality of water is deteriorating.

Ans. The quality of water is deteriorating due to the following human activities:

- i) Large scale deforestation
- ii) Polluting the water bodies by throwing industrial waste
- iii) Increased use of fertilisers and pesticides that gets washed down into the water bodies.
- iv) Wastage of water
- v) Lack of water treatment facilities

Extra Questions:

Q1. Differentiate between Spring Tide and Neap Tide.

| Ans1. Spring Tide | Neap Tide |
|---|---|
| i) It occurs during the full moon and the new moon. | i) It occurs when the moon is in its first and last quarters. |
| ii) The earth, sun and moon are in straight line. | ii) The sun, earth and moon forms right angle. |
| iii) The tides are the highest. | iii) The ocean water gets drawn diagonally in opposite directions resulting in low tides. |

Q2. Mention the benefits of high tides.

Ans2. The Benefits of high tides are:

- i) High tides help in navigation.
- ii) It helps the ship to arrive at harbor easily.
- iii) It also helps in navigation.
- iv) It prevents the harbor from freezing in winter.
- v) It is a source of renewable energy to communities living along the coast

***Content Prepared from home**