

Date : 05/01/2025

Day : Monday

Chapter : 6 Water

Very short answer question

Ques 1: Where is water found?

Ans In hydrosphere.

Ques 2: Why is water essential for human beings?

Ans Water is essential for human being because they as well as plants and animals cannot survive without water. Life is not possible if there is no water on the earth.

Ques 3: How are ~~the~~ waves caused?

Ans A wave is the up & down movement of oceanic water in which alternative rise and fall in sea surface is noticed. The action of winds causes waves.

Ques 4: What are the three types of movement of ocean water?

Ans waves, tides and ocean currents.

Monday
 Ques 5: How are tides caused?

Ans Tides are caused by the gravitational pull of the moon and the sun.

Short answer question

Ques 1: Name the factors which give rises to ocean currents and modify their courses?

Ans Ocean currents are caused by:
 Varying temperatures and density of ocean water
 Shape of adjoining coast. Movement of ocean is controlled by the direction of prevailing winds.

Ques 2: What is a tsunami?

Ans Tsunami are caused by earthquakes both on land and underwater volcanic eruption on the ocean floor and underwater explosions and landslides. Traditionally, tsunami is referred to as a huge tidal wave.

Ques 3: Explain the usefulness of tides?

Define an ocean current?

Ans The movement of ocean water in the form of a stream in a particular direction on the ocean surface is called ~~is~~ an ocean current.

Ques 4: Explain the difference between warm and cold currents?

Ans Currents flowing from higher latitudes of low temperature to the low temperature are called warm currents. On the other hand current flowing from higher latitudes of higher temperature to the low latitudes of higher temperature are called cold current.

~~Ques~~ long answer questions:

Ques 1: Describes the water cycle.

Ans Water is restless as it moves from place to place in the form or the other such as solid form ice and gaseous form. From the oceans, water moves high up into the air. Then it may rain on the land and over the seas. Through rivers, the rain water again goes back to the seas. This kind of movement of water is called water cycle or hydrological cycle.

Ques 2: Distinguish between spring and neap tides?

Ans Tides are caused by the gravitation pull of the sun & the moon. The highest elevation

is reached on the full moon and new moon days because on these days the sun the earth and the moon are in a straight line. these tides are called spring tides. When the moon is at first and last quarter, the sun and the moon are right angled at the earth's centre. then the tides have the lowest. these tides are called neap tides.

Ques 3: Explain the usefulness of tides?

Ans Tides are useful for fishing and navigation. they help in shipping & trade during high tides the saline water of the sea is stored in low lying coastal areas. this saline water is spread out in the fields and used to make common salt. the energy of the ~~exercise~~ great influence on the tides is used to generate electricity.

Ques 4: How are ocean currents useful?

Ans Ocean current exercise great influence on the climate of coastal areas. the warm currents & cold current increase & decrease the temperature of the coastal area. Ocean current help in navigation. ships sailings in the direction of currents move faster. Ocean current are ideal for fishing. warm currents reduce the danger of icebergs for sailing ships.

Ques 5: How are tides useful for ocean going vessels?

Ans During high tides the water level near coast rises. This allows big ships to enter or leave harbours safely. It helps as well as facilitating entry and departure of ships.