

Date
13/8/19

CHAPTER - 5

WATER

SHORT NOTES:-

* Earth is covered with 71% by water and 29% by land.

* Types of water :-

- * Waves
- * Tide
- * Current

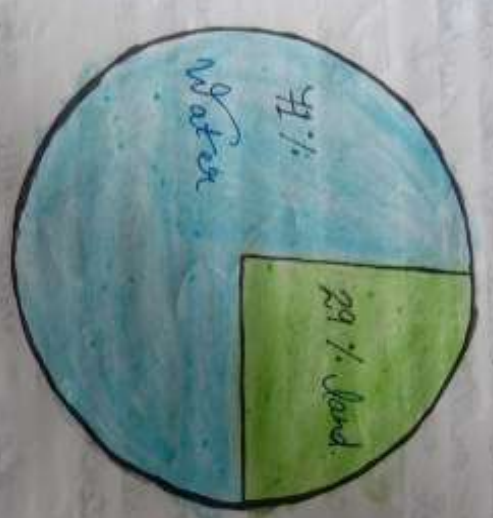
* Waves:- When the water on the surface of the ocean rises and falls alternately they are called waves.

* Tide:- The upthrust rise and fall of ocean of water twice in a day is called a tide.

* Types of current:-

- * Warm current.
- * Cold current.

* Warm Current:- The warm current the equator and move toward the poles.



Earth



* Cold current:- Cold current carry minimum water from polar or higher latitudes to tropical or lower latitudes.

* Continents and oceans:- There are 7 continents and 5 oceans on earth. The name of the seven continents are-

- * Asia
- * Africa
- * North America
- * South America
- * Europe
- * Australia
- * Antarctica.

* There are five oceans on earth. They are-

- * Pacific Ocean
- * Atlantic Ocean
- * Arctic Ocean
- * Indian Ocean
- * Southern Ocean

* Uses of water:-

- * For drinking
- * For bathing
- * For washing clothes and utensils
- * For electricity

- * Rivers
- * Ponds
- * Lakes.

* Currents:- Ocean currents are streams of water flowing constantly on the ocean surface in definite directions.

* Terrarium:- It is an artificial enclosure for keeping small house plants.

* Do you know?

* Salinity is the amount of salt in grams present in 1000 grams of water. The average salinity of the ocean is 35 parts per thousand.

* March 22 is celebrated as World water day when the need to conserve water is reinforced in different ways.

* Waves are formed when winds scrape across the ocean surface. The stronger the wind blows, the bigger the wave becomes.

* Tsunami is a Japanese word. The word that means "Harbour waves" as the harbours get destroyed whenever there is tsunami.

ANSWER THE FOLLOWING:-

Ques 1 What is precipitation?

Ans- The falling of water from sky in the form of rain is called precipitation.

Ques 2 What is water cycle?

Ans- The process by which water continually changes its form and circulates between oceans atmosphere and land is known as water cycle.

Ques 3 What are the factors affecting the height of the waves?

Ans- The factors affecting the height of the waves:-

- * High speed of wind.
- * Gravitational pull of sun & moon.

Ques 4 Which factors affect the movement of ocean water?

Ans- Temperature, wind, gravitational pull of sun & moon, warm currents and cold currents are the factors that affect the movement of ocean water.

Ques 5 What are tides and how are they caused?

Ans- The rhythmic rises and falls of oceans

water twice in a day are called tide.
The cause of the tide is the strong
gravitational pull exerted by the sun
& moon.

Ques 6 what are ocean currents?

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

GIVE REASONS

Q-1 Ocean water is salty.

Ans - Ocean water is salty because of ^{dissolved salt} mineral
that reach into the sea through ^{big} rivers.

Q-2 The quality of water is deteriorating.

Ans The quality of water is deteriorating because
of garbage thrown by people in the
water.

21/08