



GEOGRAPHY

Class 7th

Chapter 5: Water



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Exercises

Que 1:

- (i) What is precipitation?
- (ii) What is water cycle?
- (iii) What are the factors affecting the height of the waves?
- (iv) Which factors affect the movement of ocean water?
- (v) What are tides and how are they caused?
- (vi) What are ocean currents?

Ans:

- (i) Precipitation is the deposition of moisture from the atmosphere onto the earth's surface. This may be in form of rain, hail, frost, fog, sleet or snow.
- (ii) The process by which water continually changes its form and circulates between oceans, atmosphere and land is known as the water cycle.
- (iii) Factors affecting the height of the waves:
 1. Speed of wind
 2. Duration of wind
 3. Distance the wind blows over water
 4. Earthquake
 5. Volcanic Eruption
 6. Underwater Landslides.
- (iv) Factors affecting the movement of ocean water:
 1. Temperature
 2. Earthquake or volcanic eruption
 3. Gravitational pull of the sun and the moon
 4. Underwater landslides
 5. Rotation of the earth.
- (v) The rhythmic rise and fall of ocean water twice a day is called a tide. Tides are caused due to the gravitational pull exerted by the sun and the moon on the earth's surface.
- (vi) Ocean currents are streams of water flowing constantly on the ocean surface in definite directions.

Que 2: Give reasons.

- (i) Ocean water is salty.
- (ii) The quality of water is deteriorating.

Ans:

- (i). Ocean water is salty because it contains large amount of dissolved salts. Most of the salt is sodium chloride or the common table salt that we eat.
- (ii). The quality of water is deteriorating because:
 1. Garbage we throw in the river.
 2. Chemicals polluted water from industries.
 3. Remains of the harmful insecticides and pest resistant's flowing in from the fields.
 4. Unburnt or half burnt corpses of men and animals thrown in water bodies.

Que 3: Tick the correct answer.

- (i) The process by which water continually changes its form and circulates between atmosphere and land
- (a) Water cycle

- (b) Tides
(c) Ocean currents

Ans: (a) Water cycle

(ii) Generally the warm ocean currents originate near

- (a) Poles
(b) Equator
(c) None of these

Ans: (b) Equator

(iii) The rhythmic rise and fall of ocean water twice in a day is called

- (a) Tide
(b) Ocean current
(c) Wave

Ans: (a) Tide

Que 4: Match the following.

(i) Caspian Sea	(a) Largest lake
(ii) Tide	(b) Periodic rise and fall of water
(iii) Tsunami	(c) Strong seismic waves
(iv) Ocean currents	(d) Streams of water moving along definite paths
	(e) Water cycle

Ans:

(i) Caspian Sea	(a) Largest lake
(ii) Tide	(b) Periodic rise and fall of water
(iii) Tsunami	(c) Strong seismic waves
(iv) Ocean currents	(d) Streams of water moving along definite paths