

# CLASS VII CHAPTER 5 WATER (NCERT)

QUESTION - ANSWER

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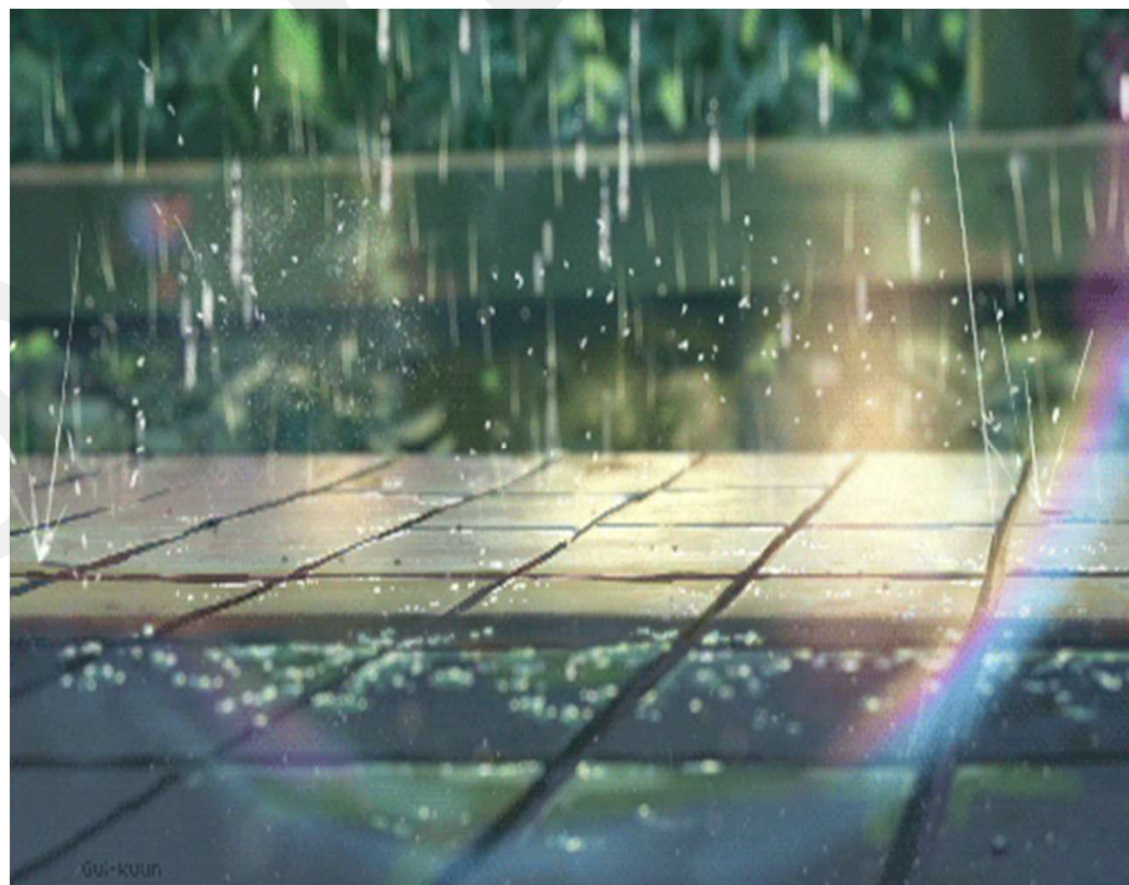
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**QUESTION 1.** Answer the following questions briefly.

(a) What is precipitation?

**ANSWER.** Falling of moisture in the form of rainfall, snow, fog, sleet and hailstone is termed as precipitation.



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**(b) What is water cycle?**

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

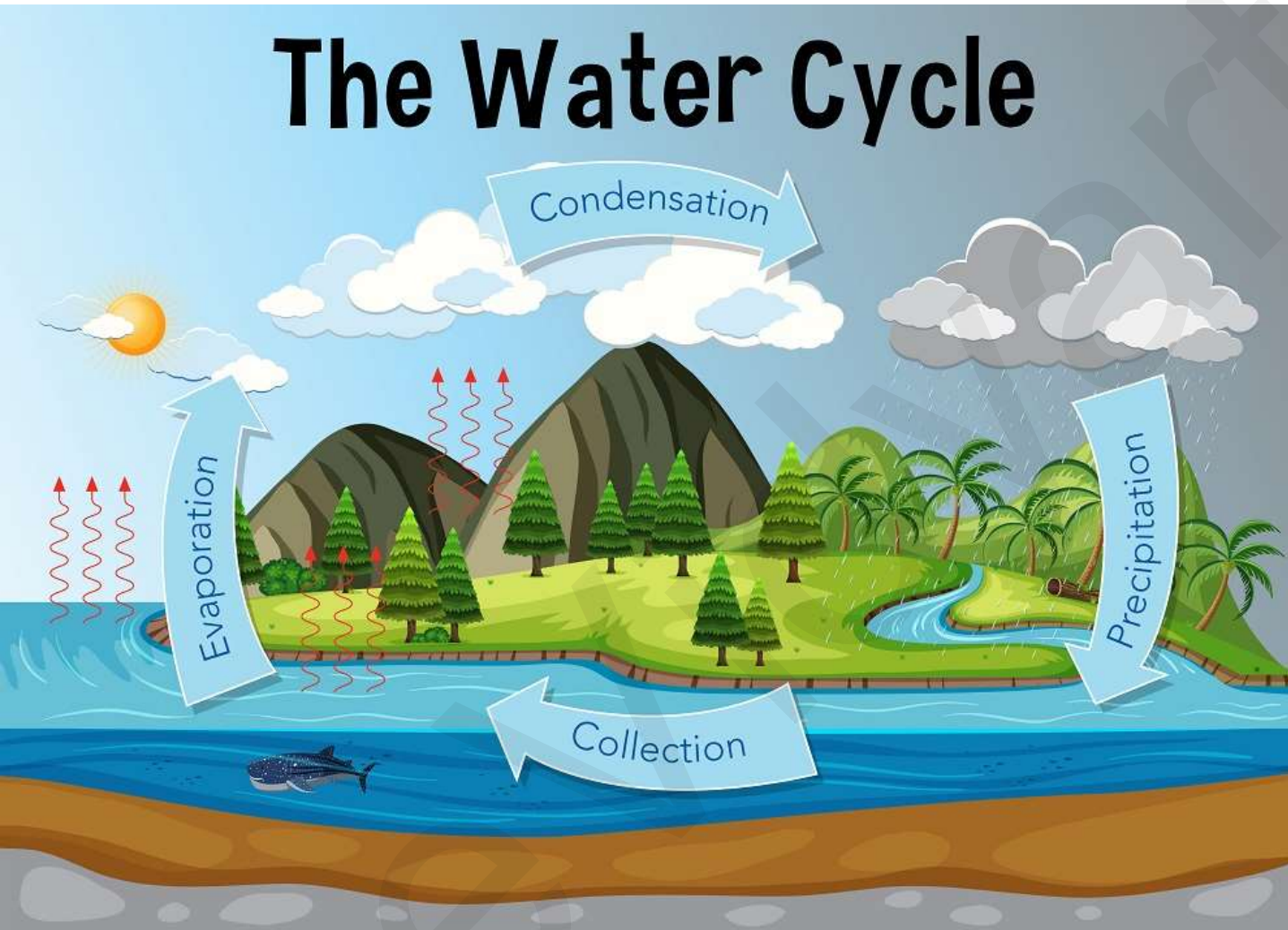


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## The Water Cycle



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**(c) What are the factors affecting the height of the waves?**

**ANSWER** Winds, earthquakes, volcanic eruption or under water landslides are the factors affecting the height of the waves. The stronger the wind blows, the bigger the wave becomes.



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**(d) Which factors affect the movement of ocean water?**

**ANSWER** Temperature, winds, gravitational pull of the sun, the earth and the moon; warm and cold currents are the factors that affect the movement of ocean water.

## TEMPERATURE

- **WARM WATER HAS MORE SALINITY.**
- **COLD WATER IS DENSER.**

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**(e) What are tides and how are they caused?**

**ANSWER** 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.



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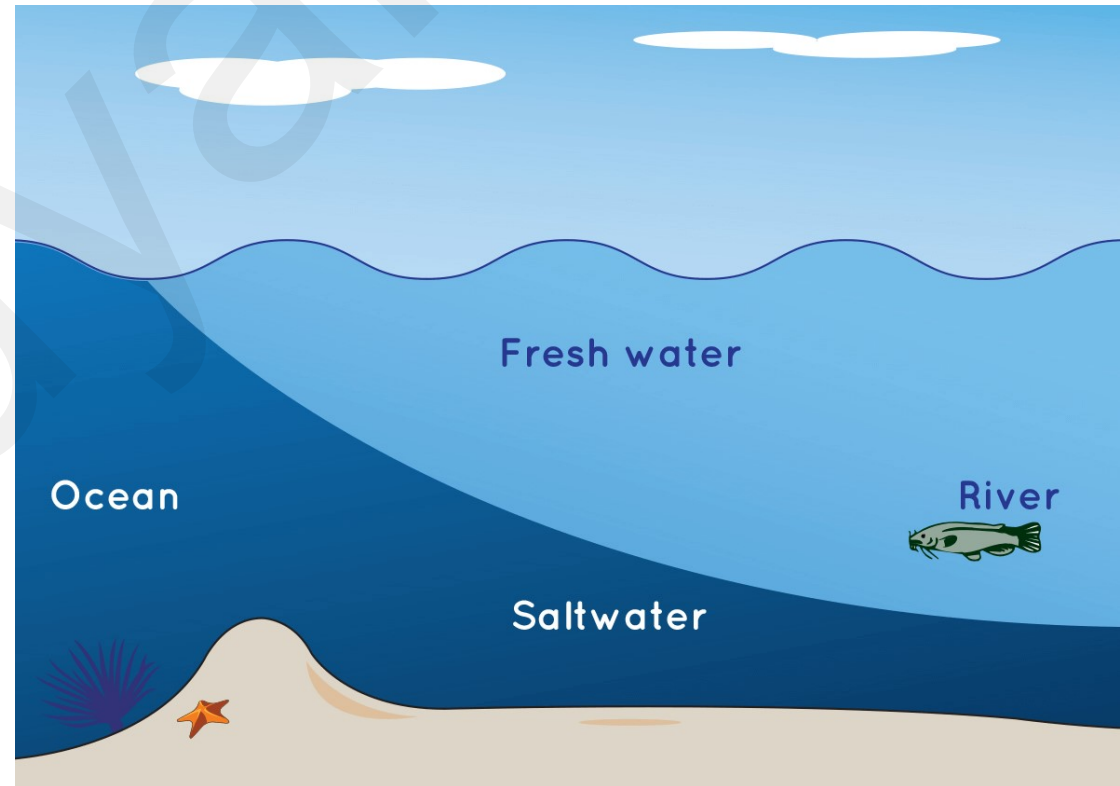


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**(f) What are ocean currents?**

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



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## QUESTION 2.

Give reasons:

(a) Ocean water is salty.

**ANSWER** The water of the oceans is salty as it contains large amount of dissolved salts.



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**HIMALAYAN ROCK HALITE**



← **SENDHA  
NAMAK**

**KALA** →  
**NAMAK**

**VOLCANIC ROCK**



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**(b) The quality of water is deteriorating.**

**ANSWER** Water is being used injudiciously. Whatever potable water is available, its quality is not good. It is because industrial effluents and untreated water of industries get mixed into streams and rivers. Sewerage water also gets mixed into these water bodies. As a result, the quality of water is deteriorating day by day.

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**QUESTION 3.** Tick the correct answer.

(a) The process by which water continually changes its form and circulates between oceans, atmosphere and land

- (I) WATER CYCLE
- (II) TIDES
- (III) OCEAN CURRENTS.



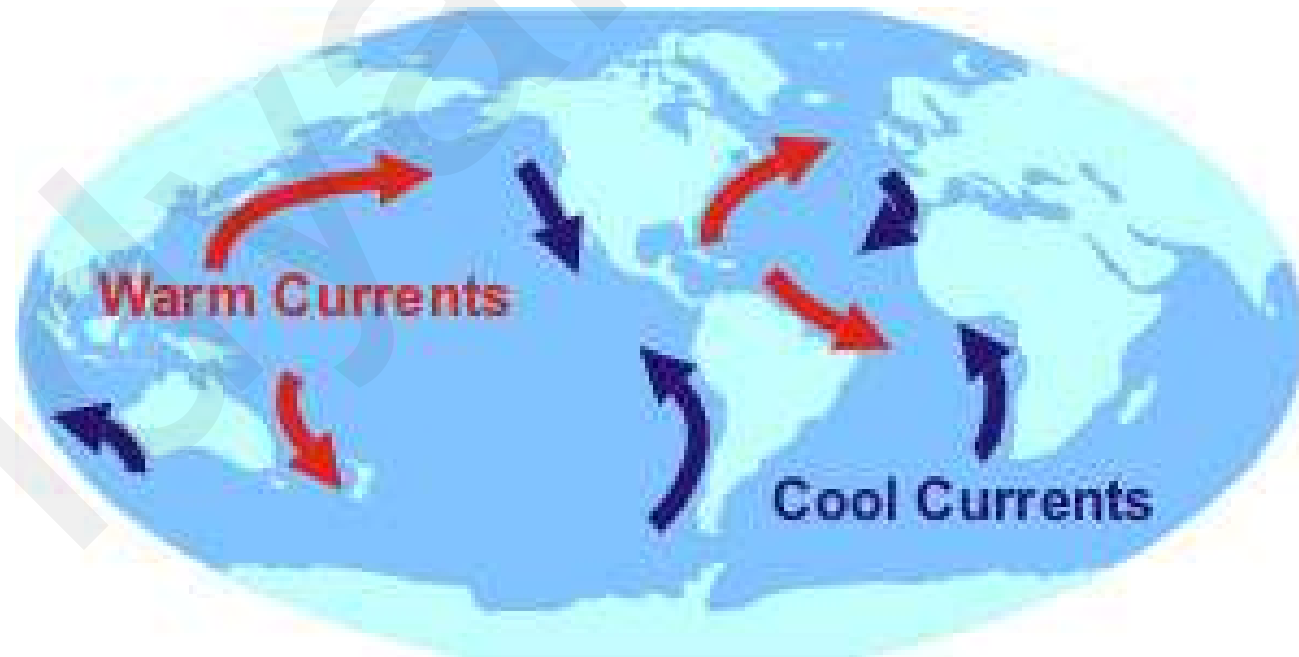
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(b) Generally the warm ocean currents originate near

- (I) POLES
- (II) EQUATOR
- (III) NONE OF THESE.



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

- (I) TIDE
- (II) OCEAN CURRENT
- (III) WAVE



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## ANSWER

(A) – (I)

(B) – (II)

(C) – (I)



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**QUESTION 4.** Match the following.

A	B
(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