

# Geography Worksheet Grade VII

## The Hydrosphere

Q1 Fill in the blanks-

- a. \_\_\_\_\_ was a famous French ocean explorer, who conducted extensive undersea investigations.
- b. The upper part of a wave is known as the \_\_\_\_\_.
- c. The lower part of a wave is called \_\_\_\_\_.
- d. The rhythmic rise and fall of seawater is called \_\_\_\_\_.
- e. A \_\_\_\_\_ is a regular rise and fall of water due to action of wind.
- f. \_\_\_\_\_ was a famous American oceanographer who was 'The Hero for the Planet' by TIME magazine for her efforts towards marine life pollution.

Q2. State whether the following statements are true or false:

- a. Underground water lying below the land's surface is a major source of freshwater.
- b. Strong winds carry water molecules across the seas, leading to water.
- c. 'Neap tide' is another name for 'low tide'.
- d. Tide can be used to generate electricity.
- e. An aquifer is a water-bearing layer of rock under the ground.

Q3. Tick the correct option-

- a. Water is constantly circulating between
  1. Land
  2. Wind
  3. Air
  4. All of these
- b. Spring tides are formed:
  1. on Full moon days
  2. when Moon is in its first quarter
  3. on New moon days
  4. when Moon is in its last quarter
- c. Distribution of water depends on
  1. Soil
  2. Climate
  3. Vegetation
  4. None of these
- d. Which of the following is a cold drift?

1. West Wind drift
  2. North Atlantic drift
  3. Monsoon drift
- e. Oceans currents usually flow \_\_\_\_\_ in the Northern Hemisphere and \_\_\_\_\_ in the Southern Hemisphere.
1. clockwise, anti-clockwise
  2. clockwise, clockwise
  3. anti-clockwise, clockwise
  4. anti-clockwise, anti-clockwise

Q4 Answer the following in brief-

- a. What is the hydrological cycle? Explain it with the help of a diagram.
- b. Explain the formation of spring and neap tides with a diagram.
- c. What are the factors responsible for ocean currents?

Q5 Answer the following in detail-

- a. Give an account of the devastation and destruction caused by the Tohoku Earthquake.
- b. Mention 4 effects of ocean currents.
- c. How is water polluted? Give the importance of hydrosphere.