



## CHAPTER-4

### WATER

#### EXERCISES

1. Answer the following question in a sentence:

(a) Why is the earth known as the watery planet?

Ans. Water makes 71% of the earth's surface therefore our earth is known as a watery planet.

(b). Why does Manipur is prone area of frequent floods during rainy season?

Ans. Various factors like high rainfall, orientation of Manipur Valley with Manipur river system, artificial dams etc. make Manipur prone to floods during rainy season.

(c). What is disaster?

Ans. Disaster is a serious disruption, occurring over a relatively short time involving widespread human, material, economic or environmental losses.

2. Answer the questions in about 100 words each:

(a) Explain hydrological cycle or water cycle.

Ans. The process of movement of water as it evaporates from the oceans and water bodies which reaches the atmosphere as water vapour and turns into water droplets and falls on earth as rain, and runs into the sea. This cycle is called hydrological or water cycle.

(b) In what ways are the tides and currents useful to man?

Ans. Tides are useful in fishing. High tides help big ships to enter or leave the harbor safely. The tidal force can be used to generate power.

Currents help in navigation. Ships that follow ocean currents move faster and save fuel. Meeting of warm and cold currents leads to abundance of fish food and are develop into fishing grounds.

(c) Explain disaster mangement

Ans. The process of organization and management that is implemented before, during or after any type of catastrophic event takes place is disaster management. The management of natural hazards involve disaster research and predictions of the history of the prone area. Prevention, preparation, relief and recovery are four essential parts to disaster management.

Choose the correct answer:

- (i) The salinity of ocean is high in area of  
A) Low evaporation                      b) High evaporation  
c) High humidity                         d) Heavy rainfall

Ans. B) high evaporation

Ans. D) Earthquake

- (ii) Natural Disaster is caused by  
A) Road accident                      (B) Nuclear explosion  
  
(C) Deforestation                      (D) Earthquake

Ans. D. Earthquake.

- (iii) The deepest part of the ocean is found in  
A) Atlantic Ocean                      B) Indian Ocean  
  
C) Bay of Bengal                         D) Pacific Ocean

Ans. D) Pacific Ocean

3. Match the two columns:

- |                    |                   |
|--------------------|-------------------|
| (a) Busiest ocean  | 1) Pacific Ocean  |
| (b) Sunda trench   | 2) Indian Ocean   |
| (c) Largest ocean  | 3) Arctic Ocean   |
| (d) Smallest ocean | 4) Atlantic Ocean |

Ans.

(a) Busiest ocean ----- 4) Atlantic Ocean

(b) Sunda trench ----- 2) Indian Ocean

(c) Largest ocean ----- 1) Pacific Ocean

(d) Smallest ocean ----- 3) Arctic Ocean



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