

**Chapter: 4**

**Q.1 Choose the right option and rewrite the sentence**

**3**

- 1** Like there are landforms on land, ocean floor also has submerged landforms because .....
- there is land under water
  - there are volcanoes underwater
  - land is continuous and there is water in deeper parts.
  - though land is continuous, its level is not the same everywhere like that of water

**Ans** Like there are landforms on land, ocean floor also has submerged landforms because **though land is continuous, its level is not the same everywhere like that of water.**

- 2** Which one of the following option is related to marine deposits?
- Rivers, glaciers, remains of plants and animals
  - Volcanic ash, continental shelf, remains of plants and animals
  - Volcanic ash, lava, fine particles of soil
  - Volcanic ash, remains of plants and animals, abyssal plains

**Ans** Option a. **Rivers, glaciers, remains of plants and animals.**

- 3** Which part of the ocean floor is most useful to the man ?
- Continental shelf
  - Continental slope
  - Abyssal plains
  - Marine deeps

**Ans** Option a. **Continental shelf**

**Q.2 Answer the following questions on the basis of the map given**

**4**

**1**



- Madagascar and Sri Lanka are related to which landform of the ocean floor?
- Near which continent are these landforms located?
- Which islands in our country are examples of peaks of submerged mountains?
- Name the two islands in the southern Pant as shown in the map.
- Name the water body in which Andaman and Nicobar located?
- Identify the water body shown in the map of the ocean floor.

**Ans**

- Madagascar and Sri Lanka are related to island of the ocean floor.
- Madagascar is located near Africa continent and Sri Lanka near South Asia continent.
- Andaman and Nicobar are the islands in are country, are examples of peaks of submerged mountain.
- Madagascar and Sri Lanka
- Bay of Bengal

**Q.3 Give Geographical Reasons****10**

**1** The continental shelf is a paradise for fishing activity.

**Ans** i. Continental shelf is the land near the coast and submerged under sea.

ii. The sea in continental shelf is shallow, the sun light reaches its bed.

iii. Algae, plankton etc. grow here. This is food for fish. The water being warm, The fish breed in this water. That's why fish is found on a large scale. Therefore, the continental shelf is paradise for fishery activity.

**2** The continental slope is considered to be the boundary of continents.

**Ans** i. Continental slope lies after the continental shelf. The slope of the bed becomes steeper.

ii. Beyond continental slope lies the abyssal plain.

iii. So the lower boundary of continental slope is considered to be the boundary of the continent.

**3** The disposal of waste materials in the oceans by man is harmful to the environment.

**Ans** i. Sewage, solid waste, radio-active material, waste chemicals plastic etc are disposed off into sea water by man.

ii. The sea water gets polluted the oxygen level in the water reduces which becomes hazardous to marine life.

iii. These waste materials are extremely harmful to the environment.

**4** The study of ocean floor is useful to man.

**Ans** i. Various minerals, rocks, fine soil particles, mineral oil are found in the ocean bed.

ii. Remains of marine plants and animals are also found on the ocean floor.

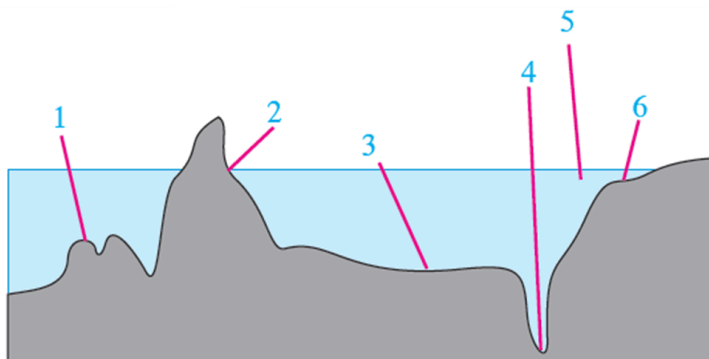
iii. To study the marine life, mineral wealth as well as the volcanic eruption. Hence the study of ocean floor is useful to man.

**5** Some marine islands are actually the peaks of sea mountains.

**Ans** i. The hundreds of kilometers wide and thousands of kilometers long hills found in the ocean bed are called submerged hills.

ii. Peaks of some submerged hills come above sea level.

iii. These peaks are the visible land areas surrounded from all sides by water. These peaks are called islands. Thus some marine islands are actually the peaks of the sea mountains.

**Q.4 Answer in detail/ brief****4****1**

i. Name the landforms shown in the figure.

ii. Which of these landforms is useful for deep sea research?

iii. Which of these are appropriate to be used for the protection of marine borders and naval-base building?

**Ans** i. 1 - Marine Deeps.

2 - Submerged Mountain

3 - Submerged Plateau

4 - Marine Trench

5 - Continental Slope

6 - Continental Shelf.

ii. Marine deeps and Marine trenches are useful for deep sea research.

iii. Continental shelf is used for the protection of marine border and naval base building.