



Question1. Answer the following questions briefly.

1. Why do the plates move?

Answer- Plates move due to the movement of the molten magma found in the interior of the earth.

2. What are exogenic and endogenic forces?

Answer- Endogenic Forces- Forces that act, in the interior of the earth are called Endogenic forces.

Examples: Volcanoes and Earthquakes.

Exogenic Forces- Forces which act on the surface of the earth are called Exogenic forces.

Examples: Weathering, erosion, deposition.

3. What is erosion?

Answer- Erosion is the wearing away of the top layer of the earth surface by different agents like wind, water, ice etc.

4. How are flood plains formed?

Answer- Due to heavy rain, when rivers overflow their banks, they cause floods in the neighbouring areas. The floodwater takes away fine soil and other material and deposits them along the banks. This deposition leads to the formation of flood plains.

5. What are sand dunes?

Answer- Sand dunes are heaps of sand found in desert areas formed due to the action of wind.

6. How are the beaches formed?

Answer- Beaches are formed, when sea waves deposit the silt and sediments along the sea shore.

7. What are the ox-bow lakes?

Answer- When the meander loop (river bends) is cut-off from the main river, it forms a cut-off lake which generally takes shape of an ox-bow. Hence, the cut-off lake is called ox-bow lake.

Question2. Tick the correct answer:

(i) Which is not an erosional feature of sea waves?

(a) Cliff (b) Beach (c) Sea cave.

(ii) The depositional feature of a glaciers is:

(a) Flood plain (b) Beach (c) Moraine.

(iii) Which is caused by the sudden movements of the Earth?

(a) Volcano (b) Folding (c) Flood plain.

(iv) Mushroom rocks are found in:

(a) Deserts (b) River valleys (c) Glaciers.

(v) Ox bow lakes are found in:

(a) Glaciers **(b) River valleys** (c) Deserts.

Question3. Match the following.

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|-----------------|--------------------------|
| (i) Glacier | -(c) River of ice |
| (ii) Meanders | -(d) Rivers |
| (iii) Beach | -(a) Seashore |
| (iv) Sand dunes | -(h) Deserts |
| (v) Waterfall | -(g) hard bed rock |
| (vi) Earthquake | -(e) Vibrations of earth |

Question4. Give reasons.

(i) Some rocks have a shape of a mushroom.

Answer-Winds in desert erode the lower section of the rock more than the upper part. Therefore, such rocks have a shape of mushroom with narrower base and wider top.

(ii) Floodplains are very fertile.

Answer-Flood plains are formed by the deposition of fine soil, silt and other material with high mineral content making the land fertile.

(iii) Sea caves are turned into stacks.

Answer-As a result of the erosional activity of the sea waves, the hollow sea caves become bigger and wider where only the roof of the cave remain, forming sea arches. Further, erosion breaks the roof and only walls are left. These wall-like features are called stacks.

(iv) Buildings collapse due to earthquakes.

Answer- During earthquake, the vibrations travel outwards from the epicentre as waves. The surface starts vibrating which leads to the shaking of the earth surface and thus buildings collapse.