

The Changing face of the Earth
Home assignment

1) Fill in the blanks

a) Water, wind and Ice are the major agents of gradation

b) The highest waterfall is Angel falls of Venezuela in South America.

c) The landscape is being continuously worn away by two processes weathering and erosion

d) When river begins to break up into a number of streams, they are called distributaries

e) Ox bow lakes are found in river valley

2) Answer the following questions

1) What is erosion?

Ans) The process of further ~~state~~ disintegration and removal of the ~~exposed~~ weathered material by the agents of gradation is called erosion.

Q. How are flood plains formed?

Ans. A flood plain is an almost flat plain that is formed as a result of a river flooding its bank. Flood plains are formed when a meander erodes side ways as it travels down stream. When a river breaks its banks, it leaves behind layers of alluvium (silt). These are gradually build up to create the floor of the plain.

Q. How are the deltas formed?

Ans. Deltas are formed from the deposition of the sediment carried by the river as the flow leaves the mouth of the river in smaller channels called distributaries. Over long periods of time, this deposition builds the characteristic geographic pattern of a river delta. Conditions required to form deltas.

Q. What are ~~ob~~ oxbow lakes?

Ans. Oxbow lake, small lake located in an abandoned meander loop of a river channel. It is generally formed as a river cuts through a meander neck to shorten its course, causes the old channel to be rapidly blocked off, and then migrates away from the lake.

Q) Flood plains are very fertile. Explain.

Ans) It is fertile due to the river sediment which is deposited here.
Q) This sediment is rich in plant nutrients so the soil is fertile.

Q) Which are the few rivers of the world that form a delta?

Ans) The few rivers of the world that form a delta are:-

- Q) Amazon delta
- Q) Danube Delta.
- Q) Ebro Delta
- Q) Ganges - Brahmaputra Delta
- Q) Godavari Delta
- Q) Indus River Delta.

Q) Define distributaries.

Ans) The rivers break up into a number of channels are called distributaries. A distributary is a stream that branches off and flows away from a main stream channel. Distributaries are a common feature of river deltas.

8) What is weathering?

Ans) Weathering is the breaking up of the rock material on the surface of the Earth due to the exposure to the atmosphere.

9) What are meanders?

Ans) Meanders are formed in the lower course when the river, loaded with debris, becomes very slow. The river swings from side to side as it flows over a level tract, forming winding sections or loops.

10) Where is Victoria Falls located?

Ans) Victoria Falls is located in Livingstone in the border of Zimbabwe and Zambia.