

Hots (Higher Order Thinking Skills)

Q.1. Examine the features formed due to work of sea waves.

Ans. The features formed due to the formation of sea waves are:

1. **Sea caves:** The erosion and deposition of sea waves gives rise to coastal landforms. Sea waves continuously strike at the rocks. Cracks develop over time and they become larger and wider. Thus, hollow-like caves are formed on the rocks. They are called sea caves.
2. **Arches:** Deposition of sea waves form cavities which become bigger and bigger. Gradually only the roof of the cave remains, leading to the formation of sea arches.
3. **Stacks:** Erosion breaks the roof and only walls are left. These wall-like features are called stacks.
4. **Sea cliff:** The steep rocky coast rising almost vertically above sea water is called sea cliff.