

Section B

Q4. Various methods of tidal power generation

Tide is periodic rise and fall of the water level of the sea. Tides occur due to the attraction of seawater by the gravity of moon. These tides can be used to produce electrical power which is known as tidal power.

When the water is above the mean sea level it is known as flood tide and when the level is below the M.S.L. it is known as ebb tide. A dam is constructed in such a way that basin gets separated from the sea and a difference of water level is obtained b/w the basin and sea.

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