

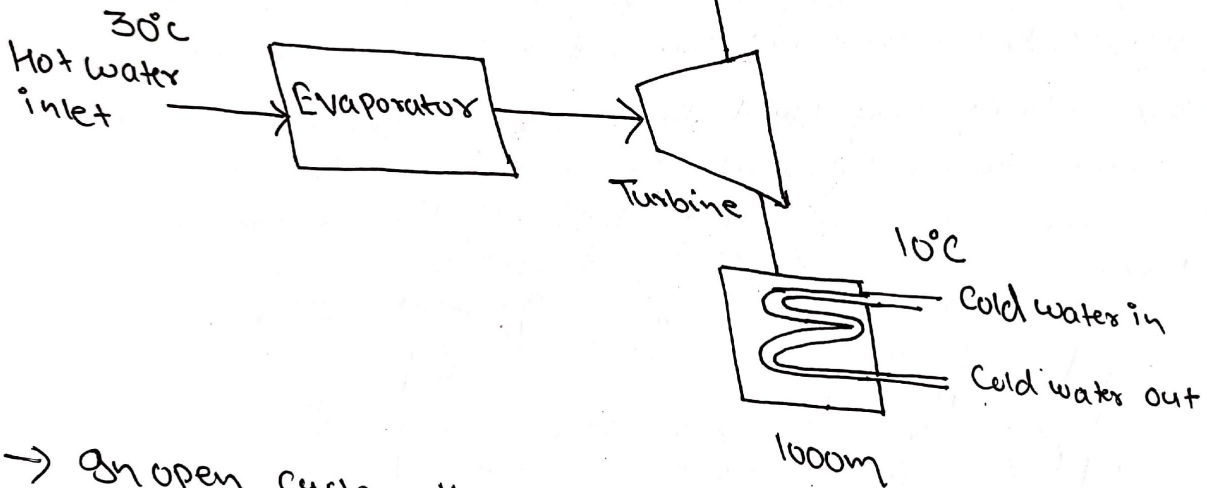
⑧ OTEC :- ocean thermal energy conversion

OTEC used in the ocean thermal gradient b/w cooler deep and warmer shallow or surface sea water to run a heat engine and produce electricity.

There are two type of OTEC: -

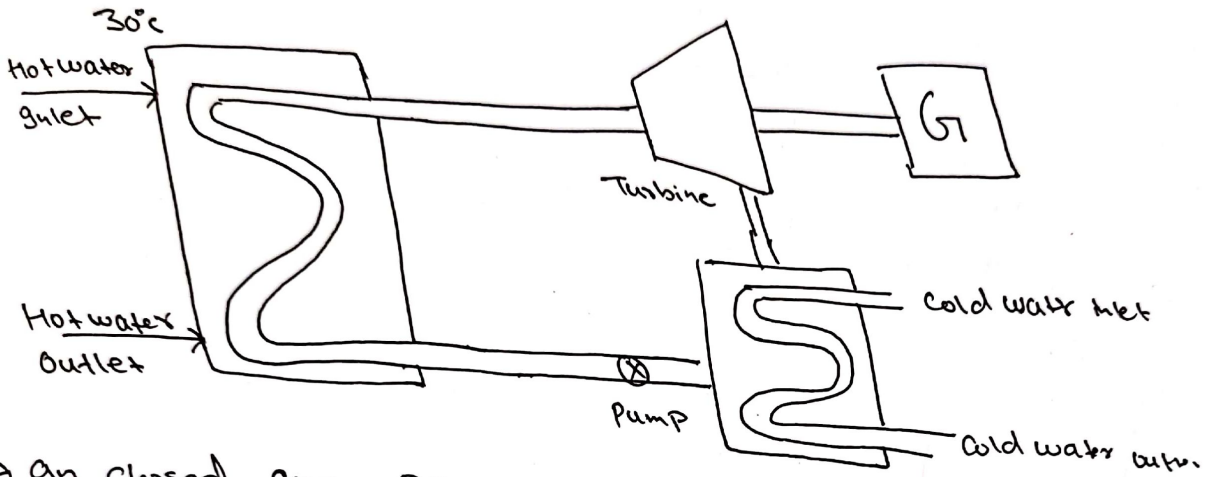
- open cycle
- closed cycle

⇒ open cycle :-



→ In open cycle the working fluid is always new in every after process

⇒ closed cycle:-



→ In closed cycle OTEC system Ammonia fluid is used.