Unit - 1V Ans 84(9)! -

have been identified ast.

- I) ty dosthormal conseethe system.
 - (a) rapowy dominated or dry Steam fields
 - (b) liquid dominated system
 - (c) that water field
- 3) breopoenure resources
- 3) Petro thermal or that dry sockets
- 4) Magmer sesources
- 5) Vallonoels

mrs 04(6)!-

Gerthermal Power Plants:

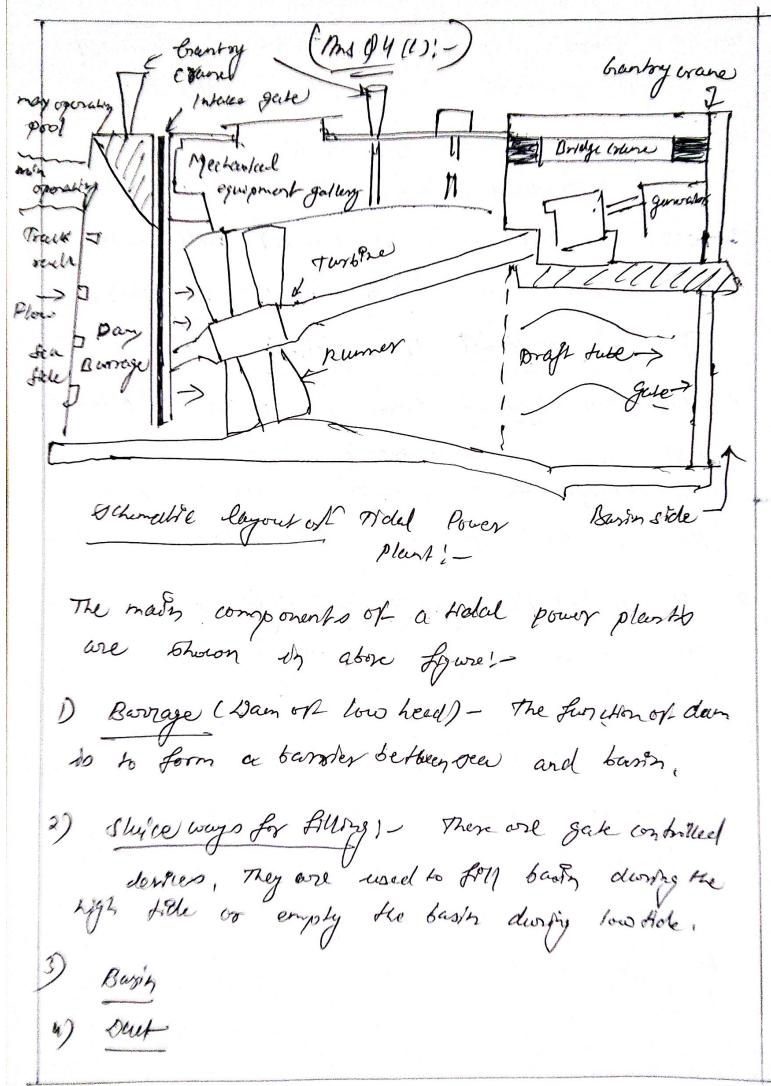
At a geothermal power plant, wells are dolled 100 2 miles deep into the earth to pump Fear or hot water to swrfaces

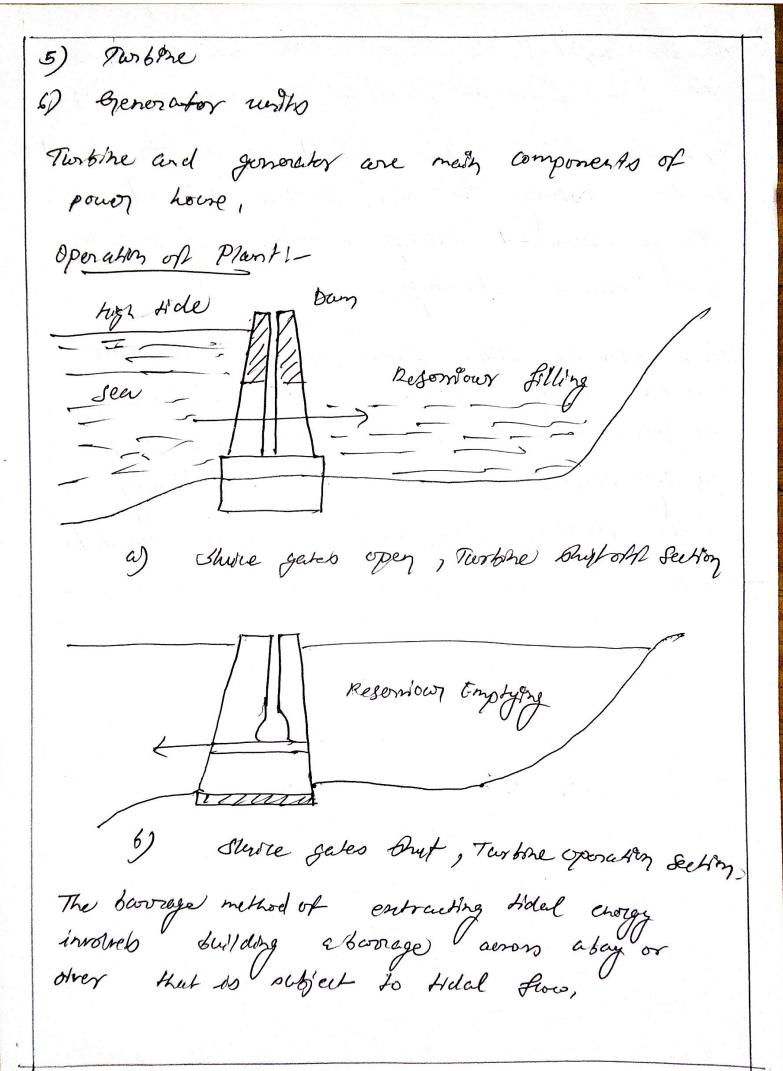
This type of power plant its found in an area that hab a lot of hot springer, geysens, or

volcanie aetholy, become there are places where the Earth do particularly hof Just below the ourface. steam Turbone Crenoralos Schenatic diagram of Greothermal power plant 1) Hot water its pumped from deep underground through a cell under high presure. 3) when the water teached the surface, the prenure is dropped which causes the water to ston on other other,

- 3) The Dean spay hostine , which is commelled to a generalor that produces electricity.
- 4) The Otean cools off in a cooling tower and condenses sails to water.
- 5) The cooled water its pumped but into the earth to tegth the process again, Types of Geothernel Power plants.
- Joes directly to a surprise which drives a generalog their produces electricity.
- 2) Flash and double flash cycle! Hydrothogmel fluids above 3600F can be used in flash plants to make electricity.
- Blowy yele! Most geothernel was contains
 moderate temperature water (below 4000F), Energy
 to entracted from there fluids in
 bloory yele power plants.

 Most geothernal power plant in fature will be
 bloory yele power plant,





Twybones installed on barrage walls generale power as water from in and out of estuary bost's. when the faill water behind the barrage is held in the estuary, the water is then selected, flowing, occaward turning a tortone and generator which creates electristy, Leter when the Holes of sets, it will be held back in the barrage so held the estimany. The water so then released, fourng back into collecting. Plowing through another toughthe and allowing the electricity producing process to be repeated. Unit V

Pm 95 (9)!-

Advantage of MMD generations-

- 1) 17 % robust without mostre parts here more reliable.
- because of typer operating temperature.
- 3) captral cost can be lover than consentional pover plant,
- 1) Large angount of power can be Generated