

B.Sc. (CBCS Pattern) Semester-VI
020D - Geology DSE Paper-IV : Marine Geology and Oceanography

P. Pages : 1

Time : Three Hours



GUG/S/25/13360

Max. Marks : 50

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- Notes : 1. All questions carry equal marks.
2. Draw neat sketches wherever necessary.

1. Give an account of History and development of Marine geology.

OR

Write notes on the following:

- A) Morphology of Ocean Margins.
- B) Oceanic crust.

2. Discuss important phenomenon associated with surface circulation of Ocean Water.

OR

Write notes on the following:

- A) Intermediate Ocean Circulation.
- B) Deep Oceanic Circulation.

3. Give an account of methods and instruments used for exploration of Ocean Floor.

OR

Write notes on the following:

- A) DSDP
- B) ODP

4. Give an account of Evolution Oceans through Cenozoic.

OR

Write notes on the following:

- A) Ocean gateways.
- B) Sea level changes during Quaternary.

5. Write on the following in not more than two sentences solve **any ten**.

- A) Marina trench
- B) Mid Oceanic ridges.
- C) Bathymetry
- D) Lithogenous sediments.
- E) Calcite
- F) Biogenous sediments.
- G) Offshore drilling
- H) Surface fluxes
- I) Samudrayaan Mission
- J) Cobalt Crust
- K) Manganese nodules
- L) Massive Sulphides
