

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

P. Pages : 1

Time : Three Hours



GUG/W/24/13360

Max. Marks : 50

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

1. Give an account of origin of ocean basins.

OR

Describe the following :

- a) Tectonic history of oceans.
- b) Deep ocean topography.

2. Give an account of deep ocean circulation.

OR

Write short notes on the following.

- a) Sedimentation rates.
- b) Movement of deep and bottom waters.

3. Give an account of Deep sea Drilling Project.

OR

Describe the following:

- a) Ocean drilling programme.
- b) Joint Global Flux Studies.

4. Give an account of oceans through Cenozoic era.

OR

Describe the following:

- a) Sea level changes during Quarternary.
- b) Ocean gateways and their role in controlling global climates.

5. Write on the following in not more than two sentences. **(Solve any ten).**

- a) Marine Geology.
- b) Who was the father of Marine Geology.
- c) Who was supposed to be famous marine geologist.
- d) Intermediate ocean circulation.
- e) Surface circulation.
- f) Aragonite.
- g) What is IODP
- h) What is JGOFS
- i) Sediment distribution in time and space.
- j) Name any two common minerals of ocean floor.
- k) Polymetallic modules.
- l) Paleoclimates.
