

M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION JUNE - JULY 2024

GEOGRAPHY

Paper - II

[Oceanography]

[Max. Marks : 75]

[Time : 3:00 Hrs.]

[Min. Marks : 26]

Note : Candidate should write his/her Roll Number at the prescribed space on the question paper.
Student should not write anything on question paper.
Attempt five questions. Each question carries an internal choice.
Each question carries **15 marks**.

Q. 1 Classify the major relief features of the ocean. Describe the origin of continental shelf. (15 Marks)

OR

Explain the major relief features of Atlantic ocean. How does the distribution of there features related with plate tectonics. (15 Marks)

Q. 2 Write note on the following - (15 Marks)

- i) Annual range of temperature of the Ocean.
- ii) Vertical distribution of temperature of the ocean.

OR

What are the various sources of oceanic salts. Discuss factors causing variations in salinity. (15 Marks)

Q. 3 Name the various theories of origin of oceanic tides. Critically examine the stationary wave theory propounded by Harris. (15 Marks)

OR

What are the major forces acting upon the origin and modification of ocean currents. Give an account of ocean currents of pacific ocean. (15 Marks)

Q. 4 Write note on **any two** of the following - (15 Marks)

- i) Classification of marine resources.
- ii) Organic and carbonic deposits.
- iii) Types of Coral Reefs.

Q. 5 What do you understand by marine litter. How has it become a threat to the marine environment and biodiversity. (15 Marks)

OR

Write an essay on chemistry of sea water. (15 Marks)