

ASSIGNMENT BOOKLET

**M.Sc. Programme in Geography
(MSCGG)
(3rd Semester)**

Valid from 1st July, 2025 to 30th June, 2026



**School of Sciences
Indira Gandhi National Open University
Maidan Garhi
New Delhi-110068
(2025-26)**

Dear Student,

Please read the section on assignments in the Programme Guide of MSc Geography Programme. A weightage of 30 per cent, as you are aware, has been earmarked for continuous evaluation, **which would consist of one tutor-marked assignment** for this course. The assignment is in this booklet, and it consists of three parts, Part A, B and C. The total marks of all the parts are 100, of which 35% are needed to pass it.

Instructions for Formatting Your Assignments

Before attempting the assignment please read the following instructions carefully:

- 1) On top of the first page of your answer sheet, please write the details exactly in the following format:

ROLL NO.:.....
NAME:.....
ADDRESS:.....
.....
.....

COURSE CODE:
COURSE TITLE:
ASSIGNMENT NO.:
STUDY CENTRE:**DATE:**

PLEASE FOLLOW THE ABOVE FORMAT STRICTLY TO FACILITATE EVALUATION AND TO AVOID DELAY.

- 2) Use only foolscap size writing paper (but not of very thin variety) for writing your answers.
- 3) Leave 4 cm margin on the left, top and bottom of your answer sheet.
- 4) Your answers should be precise.
- 5) Complete each of Part A, Part B and Part C of this assignment separately, and **submit them together.**
- 6) The assignment answer sheets are to be submitted to your Study Centre within the due date. **Answer sheets received after the due date shall not be accepted. We strongly suggest that you retain a copy of your answer sheets.**
- 7) **This assignment is valid from 1st July, 2025 to 30th June 2026. The last date for assignment submission is as follows:**
30th September 2025 for January 2025 admission cycle and
31st March 2026 for July 2025 admission cycle
- 8) **You cannot fill the exam form for this course** till you have submitted this assignment. For any further queries, please contact: satyaraj@ignou.ac.in, vishalwarpa@ignou.ac.in, knrao@ignou.ac.in

We wish you good luck.

TUTOR MARKED ASSIGNMENT
Oceanography

Course Code: MGG-013

Assignment Code: MGG-013/TMA/2025-26

Maximum Marks: 100

Part-A

All Questions are compulsory and carries 10 marks each.

- 1) Explain the evolution of Oceanography as a science.
- 2) Critically discuss the continental drift theory of Wegener with respect to the origin of continents and oceans.
- 3) Discuss in detail the currents of Atlantic Ocean and their effects on the coastal weather conditions.
- 4) Explain the factors leading to sea level changes and discuss its impact on ocean processes.

Part-B

All Questions are compulsory and carries 10 marks each

- 5) What is Coastal Regulation Zone (CRZ)? Discuss the salient features of Coastal Regulation Zone of 2011.
- 6) What are coral reefs and its types? Explain the Glacial Control Theory regarding the formation of coral reefs.
- 7) What are tides? Discuss any two theories related of the origin of tides.

Part-C

8) Write Short notes on the following. All Questions are compulsory and carries 5 marks each.

- a) Discuss any two factors affecting salinity of oceans giving examples for each.
- b) What is Hypsographic curve?
- c) Explain the Turbidity Currents Theory regarding the origin of Submarine Canyons.
- d) Differentiate between volcanogenous and cosmogenous ocean deposits.
- e) Discuss briefly the threats to fish resources.
- f) Discuss any two techniques used for measuring ocean temperature.

Note: Enhance your answer with neat sketches wherever needed.