

ASSIGNMENT BOOKLET

**M.Sc. Programme in Geography
(MSCGG)
(4th Semester)**

**NATURAL RESOURCE MANAGEMENT
Course Code: MGGE-002**

Valid from 1st January 2025 to 31st December 2025



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

Dear Student,

Please read the section on assignments in the Programme Guide of M.Sc. Programme in Geography. 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. You can also use A4 size paper if you do not get foolscap size paper. Paper should be lined. Use only blue pen for writing. Avoid using red pen even for highlighting anywhere in the paper. You can use other highlighters if you need.
- 3) Leave 4cm 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 January 2025 to 31st December 2025. The last date for assignment submission is as follows:**

31st March 2025 for July 2023 admission cycle

30th September 2025 for January 2024 admission cycle

If you have failed in this assignment or fail to submit it by due date, then you need to get the assignment for the year 2026 and submit it as per the instructions given in the Programme Guide.

- 8) **You cannot fill the exam form for this course** till you have submitted this assignment. For any further queries, please contact: dr.krishnakumar@ignou.ac.in

We wish you good luck.

ASSIGNMENT
NATURAL RESOURCE MANAGEMENT

Course Code: MGGE-002
Assignment Code: MGGE-002/TMA/2025
Maximum Marks: 100

Part-A

All Questions are compulsory. Each question carries 10 marks.

1. What is biogeochemical cycle? Discuss any two biogeochemical cycles in detail.
2. Briefly explain forest resources. Explain the issue of forest fires, its impacts and management practices.
3. Define briefly the concept of Integrated Resource Management? Discuss the popular practices in India for Integrated Water Resource Management.
4. Explain in detail the application of Geospatial Technology in Natural Resource Management.

Part-B

All Questions are compulsory. Each question carries 10 marks.

5. What is natural resource management? Discuss any two approaches of natural resource management.
6. Explain wasteland? Discuss the causes of wasteland formation and its scenario in India.
7. Define briefly the ecosystem-based management (EBM). Describe the components and principles of EBM.

Part-C

8. Write Short notes on the following. Each question carries 5 marks.

- a. The Ramsar Convention on Wetlands
- b. Neeru-Meeru Program
- c. Protected Areas in India
- d. Marine Deep-sea Resources
- e. National Water Policy, 2012
- f. Ground Water Pollution

Note: Enhance your answer with neat diagrams and maps wherever needed.