

**MGG-002**

**ASSIGNMENT BOOKLET**

**MSc in Geography Programme  
(MSCGG)  
(First Year)**

**GEOMORPHOLOGY  
MGG-002**

**Valid from 1<sup>st</sup> July, 2023 to 30<sup>th</sup> June, 2024**



**School of Sciences  
Indira Gandhi National Open University  
Maidan Garhi  
New Delhi-110068  
(2023-24)**

Dear Student,

Please read the section on assignments in the Programme Guide of M.Sc. Geography Programme. A weightage of 30 percent, as you are aware, has been earmarked for continuous evaluation, which would consist of one tutor-marked assignment (TMA) 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 1<sup>st</sup> July 2023 to 30<sup>th</sup> June 2024. The last date for assignment submission is as follows:**  
**31<sup>st</sup> March 2024 for July 2023 admission cycle**  
**30<sup>th</sup> September 2024 for January 2024 admission cycle**  
If you have failed in this assignment or fail to submit it by 31<sup>st</sup> March 2024, then you need to get the assignment for the year 2024-25, and submit it as per the instructions given in the Programme Guide.
- 8) You cannot fill the examination form for this course till you have submitted this assignment. For any further queries, please contact:  
Course coordinator: knrao@ignou.ac.in/dr.krishnakumar@ignou.ac.in  
**Programme Coordinator:** Dr. Satya Raj [satyaraj@ignou.ac.in](mailto:satyaraj@ignou.ac.in)  
Dr. Koppiseti Nageswara Rao [knrao@ignou.ac.in](mailto:knrao@ignou.ac.in)  
Dr. Vishal Warpa [vishalwarpa@ignou.ac.in](mailto:vishalwarpa@ignou.ac.in)

If you have any doubt or problem pertaining to the course material and assignments, contact the Programme Coordinator or concerned programme in-charge or Academic Counsellor at your Study Centre for clarification.

We wish you good luck.

## **ASSIGNMENT**

**Course Code: MGG-002**

**Assignment Code: MGG-002/TMA/2023-24**

**Maximum Marks: 100**

### **Part-A**

**All Questions are compulsory. Each question carries 10 marks.**

1. Discuss the significance of geomorphology and elaborate on any three approaches used to study geomorphology.
2. What is isostasy? Critically discuss Airy and Pratt's views on isostasy.
3. What is mass wasting? Discuss slides in detail.
4. Discuss coastal processes and resultant landforms elaboratively.

### **Part-B**

**All Questions are compulsory. Each question carries 10 marks.**

5. Discuss in detail the Plate Tectonics theory with diagrams.
6. Write a note on applications of remote sensing in geomorphology.
7. What do you mean by Geomorphic tools? Explain the tools of geomorphology for measuring landforms.

### **Part-C**

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

- a) Geomorphology of 20<sup>th</sup> century and beyond
- b) Dynamic Equilibrium theory of Hack
- c) Faults
- d) Ventifacts and Yardangs
- e) Landuse Planning and Environment Management
- f) Geomorphic Models