

BGGCT-133

ASSIGNMENT BOOKLET

Bachelor's Degree Programme

(BSCG)

GENERAL CARTOGRAPHY

Valid from 1st January, 2023 to 31st December, 2023



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

Dear Learner,

Before beginning to solve the assignments, you are required to read the assignments section given in the Programme Guide for Elective Courses which we have sent you after your enrolment. For assignments component, a weightage of 30 per cent has been earmarked as a part of continuous evaluation. **It consists of one tutor-marked assignment** for this course. We are providing the assignments in this booklet consisting of three parts, Part A, B and C. Together, the total marks for all the three parts is 100. Out of 100 marks, you are required to secure 35 marks or 35 % marks to successfully complete the assignment component.

Instructions for Formatting Your Assignments

Before solving the assignments, please carefully read the instructions as given under:

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

ROLL NO.:

NAME:

ADDRESS:

.....

.....

COURSE CODE:

COURSE TITLE:

ASSIGNMENT NO.:

STUDY CENTRE: DATE:

(Note: It is compulsory to follow this specified format, for facilitating the timely evaluation process, to avoid delays).

- 1) Use only foolscap size writing paper (it should not be of very thin variety and poor quality) for writing your answers.
- 2) Leave 4 centimetre margin on the left, top and bottom of your answer sheet.
- 3) Your answers should be precise.
- 4) Complete each question given in Part A, Part B and Part C of this assignment separately, and **submit all of these together.**
- 5) The assignment answer sheets are to be submitted to your Study Centre within the prescribed due date. **Answer sheets received after the due date shall not be accepted. It is suggested that you should keep a facsimile copy of your answer sheets of all the submitted assignments.**
- 6) This assignment is **valid from 1st January, 2023 to 31st December, 2023.** If you have failed in this assignment or fail to submit it by **31st December, 2023**, then you have to compulsorily get the new assignment for the next year 2024, and have to submit it as per the instructions given in the Programme Guide.
- 7) **You cannot fill the form to appear in the term end exam for this course without submitting the assignments. For any further queries, please contact course coordinators at: vishalwarpa@ignou.ac.in/ knrao@ignou.ac.in.**

We wish you good luck for the successful completion of this part of your Bachelor's programme.

ASSIGNMENT

Course Code: BGGCT-133

Assignment Code: BGGCT-133/TMA/2023

Maximum Marks: 100

Part-A

All Questions are compulsory and carries 10 marks each.

1. Describe the history and evolution of cartography.
2. What is Pushbroom scanning? Elaborate Pushbroom Cameras data.
3. What are weather elements? Explain any four of them.
4. Explain the seasonal characteristics of Indian weather and highlight the importance of weather forecasting.

Part-B

All Questions are compulsory and carries 10 marks each.

5. Define map projection? What are its properties? Explain.
6. How do you represent relief by contours? Give examples with neat sketch.
7. What are general rules followed for the representation of data through diagrams?

Part-C

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

- a) Graticule
- b) Primary data sources
- c) Line diagrams
- d) Choropleth maps
- e) Small Scale maps
- f) National Sample Survey (NSS)