

**BGGCT-131**

**ASSIGNMENT BOOKLET**

**Bachelor's Degree Programme**

**(BSCG / BAG)**

**PHYSICAL GEOGRAPHY**

**Valid from 1<sup>st</sup> July, 2020 to 30<sup>th</sup> June, 2021**



**School of Sciences  
Indira Gandhi National Open University  
Maidan Garhi  
New Delhi-110068  
(2020-2021)**

Dear Student,

Please read the section on assignments in the Programme Guide for Elective Courses that we sent you after your enrolment. 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:

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**ROLL NO.:** .....

**NAME:** .....

**ADDRESS:** .....

.....

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**COURSE CODE:** .....

**COURSE TITLE:** .....

**ASSIGNMENT NO.:** .....

**STUDY CENTRE:** ..... **DATE:** .....

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**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 as per the schedule made by the study centre. **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, 2020 to 30<sup>th</sup> June, 2021.** If you have failed in this assignment or fail to submit it by June, 2021, then you need to get the assignment for the year 2021-22, 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: [msnathawat@ignou.ac.in](mailto:msnathawat@ignou.ac.in) / [satyaraj@ignou.ac.in](mailto:satyaraj@ignou.ac.in)

We wish you good luck.

## ASSIGNMENT

Course Code: BGGCT-131  
Assignment Code: BGGCT-131/TMA/2020-2021  
Maximum Marks: 100

### Part-A

All Questions are compulsory and carries 10 marks each

- 1) Give a critical explanation of Gaseous hypothesis of Kant regarding the origin of Earth and solar system.
- 2) Define volcanism. What are the different types of volcanoes of central eruption? Enhance your answer with suitable sketches.
- 3) Explain the horizontal distribution of atmospheric pressure in terms of global pressure belts with suitable figure.
- 4) Give an account of the ocean currents of Atlantic Ocean and how they affect the climatic conditions of the coastal regions of the areas they visit.

### Part-B

All Questions are compulsory and carries 10 marks each

- 5) What is the effect of Coriolis force on the direction of planetary winds? Enhance your answer with suitable figures.
- 6) Briefly explain the broad climatic types as given by Koeppen.
- 7) Explain briefly the normal cycle of erosion as given by Davis.

### Part-C

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

- a) Plate Tectonics
- b) Vertical Structure of the atmosphere
- c) The Biosphere
- d) Differentiate between Airy's and Pratt's views on Isostasy
- e) Holmes convection current theory
- f) Vertical sub-surface hydrological zones