

**BANC-107**

**BACHELOR OF SCIENCE  
(HONOURS)  
ANTHROPOLOGY**

**(BSCANH)**

**ASSIGNMENT**

**July 2023 - January 2024**

**COURSE CODE: BANC-107**

**BANC 107: BIOLOGICAL DIVERSITY IN HUMAN  
POPULATIONS**



**SCHOOL OF SOCIAL SCIENCES  
INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
MAIDAN GARHI, NEW DELHI-110068**

Dear Learner,

As we have informed you in the Programme Guide, evaluation at IGNOU consists of two parts: i) continuous evaluation through assignments, and ii) term-end examination. In the final result, assignments of a course carry 30% weightage while 70% weightage is given for term-end examination.

You will have to do three Tutor Marked Assignments (TMA) for a six-credit course and two TMAs for a four-credit course. This Assignment booklet has TMA for the core course **BANC- 107 Biological Diversity in Human Populations** which is a six-credit course. The booklet therefore has three TMAs per course whose total marks add up to 100 and carry a weightage of 30 %.

**Assignment I** have Descriptive Category Questions (DCQs). These are meant for writing essay type answers, with an introduction and a conclusion. These are intended to test your ability to describe your understanding/knowledge about the topic in a systematic, to-the-point and coherent manner.

**Assignment II** has Middle Category Questions (MCQs) and Short Category Questions SCQs. These (MCQs) questions require you to first analyse the topic in terms of arguments and explanations and then write the answers in a concise manner. They are meant to test your ability to distinguish, compare and contrast, or clear understanding of the concepts and processes. The SCQs questions are meant to improve your skill of recall in brief the relevant/precise information about persons, writing, events, or clear understanding of concepts and processes.

**Assignment III** has questions based on the project manual. These questions would help you to understand how to frame a project synopsis and your test your knowledge of applying the tools and techniques in the field situation.

Before you attempt the assignments, please read the instructions carefully provided in the Programme Guide. It is important that you write the answers to all the TMA questions in your own words. Your answers should be within the approximate range of the word-limit set for a particular section. Remember, writing answers to assignment questions will improve your writing skills and prepare you for the term-end examination.

As mentioned in the Programme Guide, you need to submit all the assignments within the stipulated time for being eligible to appear in the term-end examination.

Submission of the completed assignments:

<b>Cycle</b>	<b>Last date of submission</b>	<b>Place of submission</b>
July 2023	30 <sup>th</sup> April 2024	Coordinator of the student's study center
January 2024	31 <sup>st</sup> October 2024	

You must obtain an email acknowledgement till the lockdown is in place, thereafter as per guidelines made available by the Government of India, that would be notified via our website [www.ignou.ac.in](http://www.ignou.ac.in), you may visit the study centre to submit your assignment and obtain the receipt from the Study Centre for the assignments submitted and retain it. If possible, keep a xerox copy of the assignments with you.

The Study Centre will have to return the assignments to you after they are evaluated. Please insist on this. The Study Centre has to send the marks to the Student Evaluation Division at IGNOU, New Delhi.

We expect you to answer each question as per guidelines for each category as mentioned in the assignment. You will find it useful to keep the following points in mind:

- 1) **Planning:** Read the assignments carefully, go through the Units on which they are based. Make some points regarding each question and then rearrange them in a logical order.
- 2) **Organisation:** Be a little selective and analytic before drawing up a rough outline of your answer. Give adequate attention to your introduction and conclusion.  
  
Make sure that your answer:
  - a) is logical and coherent;
  - b) has clear connections between sentences and paragraphs, and
  - c) is written correctly giving adequate consideration to your expression, style and presentation.
- 3) **Presentation:** Once you are satisfied with your answer, you can write down the final version for submission, writing each answer neatly and underlining the points you wish to emphasize. Make sure that the answer is within the stipulated word limit.

**Wish you all the best!**

**Discipline of Anthropology  
SOSS, IGNOU, New Delhi**

BANC 107: Biological Diversity in Human Populations  
TUTOR MARKED ASSIGNMENT  
(TMA)

Course Code: BANC 107  
Assignment Code: BANC 107/ASST/TMA/ 2023-24  
Total Marks: 100

Read the instructions carefully and answer accordingly. There are three Sections in the Assignment. Answer all questions from all the sections.

Assignment I

Answer the following in about 500 words each. 20x2= 40

- a. What is human biological variation? Briefly examine various somatoscopic characters to study biological variation.
- b. Discuss the concept 'Genetic Drift' with suitable diagrams.

Assignment II

Answer any two of the following questions in about 250 words each. 10x2=20

- a. Briefly discuss the influence of Bio-cultural factors on Disease.
- b. Define Demography. Briefly discuss various fertility measures.
- c. Briefly describe B.S. Guha's classification of Indian population.

Answer the following questions in about 50 words each. 2x5=10

- a. Physical Anthropology vs Biological Anthropology
- b. DNA
- c. Phenotype and Genotype
- d. Ethnicity and Race
- e. Inbreeding

Assignment III

Answer the following questions in about 250 words 10x3=30

- a. Describe Human Axial skeleton with suitable diagrams.
- b. Describe the procedure for collection of finger prints.
- c. Describe the procedure for the collection of human blood sample.