BACHELOR OF ARTS
ECONOMICS (HONOURS)

(BAECH)

ASSIGNMENTS 2021

For January 2021 Admission Cycle

COURSE CODE: BECC-110

INTRODUCTORY ECONOMETRICS

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THE PEOPLE'S
UNIVERSITY

SCHOOL OF SOCIAL SCIENCES
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI-68

Dear Student,

As explained in the Programme Guide, evaluation of a course at IGNOU comprise 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 to term-end examination. You will have to do three assignments for a six credit course and two assignments for a four credit course. This assignment booklet has assignments for the core course **BECC-110: Introductory Econometrics.**

Assignment I has 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 a topic in a systematic, to-the-point and coherent manner.

Assignment II has Middle Category Questions (MCQs). These 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, and clear understanding of the concepts and processes.

Assignment III has Short Category Questions (SCQs). These questions are meant to improve your skill of recall in brief the relevant/ precise information about various concepts and processes.

Before you attempt the assignments, please read carefully the instructions provided in the Programme Guide. It is important that you write the answers to all the questions in your own words. Your answers should be within the approximate range of the word-limit set for a particular section. Remember that writing answers to assignment questions will improve your writing skill 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. Completed assignments should be submitted to the **Coordinator of your Study Centre** by:

For students of January 2021 cycle: 31.10.2021

You must obtain a receipt from the Study Centre for the assignments submitted and retain it. If possible, keep a photocopy/ scanned copy of the assignments submitted by you.

The Study Centre will have to return the assignments to you after they are evaluated. Please insist on this.

We expect you to answer each question as per guidelines for each category questions 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 important 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.

BECC-109 : INTERMEDIATE MACROECONOMICS - II

Assignment I

Answer the following Descriptive Category Questions in about 500 words each. Each question carries 20 marks. Word limit does not apply in the case of numerical questions. $2 \times 20 = 40$

1)   What is meant by heteroscedasticity? Describe any one method of testing for the presence of heteroscedasticity.

2)   What is meant by autocorrelation? Explain how Durbin-Watson test can be used to test for the presence of autocorrelation.

Assignment II

Answer the following Middle Category Questions in about 250 words each. Each question carries 10 marks. Word limit does not apply in the case of numerical questions. $3 \times 10 = 30$

3)   Explain why an error variable is added to the regression model. Differentiate between the error term (u) and the residual ($\hat{u}$).

4)   When do you encounter the problem of multicollinearity? What are the remedial measures for the problem of multicollinearity?

5)   Interpret the coefficient of determination (R^2). Distinguish between R^2 and adjusted-R^2.

Assignment III

Answer the following Short Category Questions in about 100 words each. Each question carries 6 marks.   **5** $\times 6 = 30$

6)   What is a dummy variable? Illustrate the situation of dummy variable trap.

7)   Describe the properties of OLS estimators.

8)   Describe the procedure of applying the Cochrane-Orcutt method.

9)   In the context of hypothesis testing distinguish between one-tailed and two-tailed tests. Use appropriate diagram.

10)   Write a short note on the types of specification errors in a regression model.