



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF ECONOMICS
2023 2 EXAMINATIONS_**

**COURSE TITLE: INTRODUCTION TO ECONOMETRICS II
COURSE CODE: ECO 355
UNITS: 3
TIME ALLOWED: 3 HOURS**

INSTRUCTION: ANSWER QUESTION ONE AND ANY OTHER THREE

QUESTION ONE

- (a). Discuss in details the term “confidence intervals” (10marks)
- (b). Discuss the importance of hypotheses testing in a regression analysis. (10marks)
- (c). Discuss the differences “one and two tailed tests”. (10marks)

TOTAL: (30marks)

QUESTION TWO

- (a). Discuss the differences between the t tests and z test. (10marks)
- (b). Briefly discuss the errors in Hypothesis Testing. (10marks)

TOTAL: (20marks)

QUESTION THREE

- (a). Discuss the term “normality tests”. (10marks)
- (b). Discuss the Jarque-Bera Test of Normality. (10marks)

TOTAL: (20marks)

QUESTION FOUR

- (a). Explain the use Econometrics for assessing economic models. (10marks)
- (b). Differentiate between Dependent variable and independents variables in a regression model. (10marks)

TOTAL: (20marks)