



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
FACULTY OF SOCIAL SCIENCES  
DEPARTMENT OF ECONOMICS  
2023\_2 EXAMINATIONS**

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**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)**