

 **National Open University of Nigeria**

**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**

 **Faculty of Science**

 **APRIL/MAY, 2019 EXAMINATIONS**

**COURSE CODE: DAM 363**

**COURSE TITLE: ECONOMIC STATISTICS**

**CREDIT: 2 Units**

**TIME ALLOWED: 2 Hours**

**INSTRUCTION:** Answer Question 1 and any other three (3) questions

**Question 1**

1. What are the determinants of the human development index?  **(4 marks)**
2. Mention any four impacts of trade liberalization and competition policy **(4 marks)**
3. Briefly describe the types of hypothesis **(4 marks)**
4. What are the advantages of an index number? (**5 marks)**
5. Briefly describe GDP Deflator **(4 marks)**
6. Differentiate between the Type I and Type II errors **(4 marks)**

**Question 2**

1. List five ways of transforming data into Information (**5 marks)**
2. Discuss the different primary data collection techniques (**10marks)**

**Question 3**

1. List and discuss the subdivisions of Qualitative and Quantitative data (**8.5 marks)**
2. Explain Purchasing Power Parity Theory as a Theoretical Concept **(5 marks)**
3. Name 2 types of random variables **(1.5 marks)**

**Question 4**

1. Outline the steps needed in hypothesis testing  **(7 marks)**
2. State any eight (8) features of standard deviation **(8 marks)**

**Question 5**

1. Enumerate six advantages of arithmetic mean **(6 marks)**
2. Explain the criteria used to assess estimators? (**9 marks)**