

**LAGOS CITY POLYTECHNIC, IKEJA**  
**SCHOOL OF ENGINEERING AND APPLIED SCIENCE**

**DEPARTMENT OF ELECT/ELECT AND COMPUTER ENGINEERING**

**2018/2019 SEMESTER EXAMINATION**

**COURSE TITLE: BUSINESS STATISTICS II**

**NO OF QUESTIONS : 6**

**COURSE CODE: BAM 222**

**TIME ALLOWED: 2 HRS**

**FOR WHOM: ND II ACC, BS**

**FT**

**INSTRUCTIONS:**

**ANSWER**

**ANY**

**4**

**QUESTIONS**

1. (a) What is Statistical analysis?  
(b) Distinguish between discrete and continuous data
2. Calculate the mean, standard deviation and variance of the 5, 8, 15, 29, 47, 47, 64, 71, 74
3. What are the four important characteristics of distributions?
4. (a) Describe the Poisson distribution  
(b) What are the characteristics of the Poisson distribution?
5. (a) What is statistical inference?  
(b) What is the main feature of random sampling?
6. (a) What is the purpose of estimation?  
(b) What are the properties of good estimators?