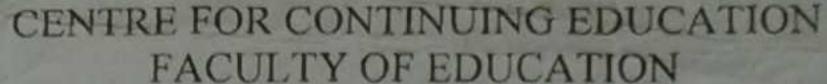
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OLABISI ONABANJO UNIVERSITY, AGO-IWOYE



DEPARTMENT OF EDUCATIONAL MANAGEMENT AND BUSINESS STUDIES HARMATTAN SEMESTER EXAMINATION, 2016/2017

Name of Examination: B.Sc. (Ed.) Degree

Course Code: BED 301

Course Title: Business Statistics

Course Unit: 2C Duration: 2 Hours

Instruction: Attempt Any Three Questions.

1. What is Business Statistics?

(b). Outline the uses of Statistics in a Business Organisation

(C) Write notes on the following:

Frequency table

Measures of Central Tendency

Measures of Association

A survey was conducted in in Lagos with 400 people to determine the number of individuals who
favour one sport or another. This survey was carried out by the business development manager of a
newly established company that will produce and sell sport costumes.

Sports Football Athletics Boxing Cricket Swimming Wrestling None Number of people in favour 104 88 60 56 52 32 8

You are required to: 936 992 54 564

- a. Represent this information on a pie-chart.
- b. Represent same information on bar-chart
- c. State on advantage of the bar-chart over the pie-ahart and vice versa
- d. consider the business implication of these statistics and advice the management appropriately
- 3. CEK Consulting is a company that provides several types of business support services for its customers among which marketing advice by telephone is prominent. From past experience, the company has found that its average cost of advice per telephone call is about N20. Thus, the numbers of telephone calls given each day during the last quarter are as follows:

104 × 360 100 × 360

Number of Calls	Frequency
0-9	
10-19	5
20-29	10
30-39	20
40-49	15
50-59	10
60-69	4
70 and above	U.S. DOLLAR BOOK
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You are required to find:

· The Mean

Standard deviation number of Telephone calls during the last quarter

163.8

