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

2. 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:
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-chart 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:

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	.

You are required to find:
- The Mean
- Standard deviation number of Telephone calls during the last quarter