



NATIONAL OPEN UNIVERSITY OF NIGERIA
91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi-Abuja
FACULTY OF MANAGEMENT SCIENCES
2023_2 EXAMINATIONS_

Course Code: BUS722

Course Title: Business Statistics

Credit Unit: 2

Instructions: 1. Indicate your Matriculation Number clearly

2. Attempt Question 1 and any other two (2) questions

3. Question 1 is compulsory and carries 30 marks while the other 2 questions carry 20marks each

4. Present all your points in coherent and orderly manner

Time Allowed: 2 Hours

1a. Write notes on the following methods of collecting data

- i. Interviewing
- ii. Questionnaire
- iii. Observation
- iv. Survey

8marks

1b. Given the following set of numbers

5, 3, 8, 7, 1, 4, 5, 8, 9, 3, 4, 2, 7, 1, 5, 7, 6, 4, 8, 5, 6, 5, 3, 2, 8, 1, 7, 5, 5, 4, 7, 1, 2, 5,
6, 4, 2, 7, 4, 2

- i. Construct a frequency distribution 4marks
- ii. Calculate the mean and median 4marks

1ci Distinguish between Histogram and Simple bar chart. 2marks

cii Suppose the monthly sales of a firm for six consecutive months are given as follows:

Months	Sales (In Million of Naira)
January	7.5
February	2.0
March	4.5
April	6.5
May	4.0
June	8.0