



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
FACULTY OF MANAGEMENT SCIENCES
JULY 2017 EXAMINATION**

Course Code: SMS 304

Credit Unit: 3

Course Title: RESEARCH METHODOLOGY

Time Allowed: 2 ½ hours

Instruction:

Attempt question one and any other three questions of your choice. Question one carries 25 marks while others carry 15 marks each. Present your answer in coherent and orderly manner.

QUESTION 1

- Describe the eight distinct processes that characterize research
- Briefly explain the major characteristics of any research
- List the components of the preliminary pages of a research report
- What are the components of the preliminary pages

QUESTION 2

Explain with examples the measures of central tendency

QUESTION 3

- Differentiate between probability and non-probability sampling techniques
- Mention examples of probability and non-probability sampling techniques

QUESTION 4

Explain briefly the following types of variables

- Independent
- Dependent
- Discrete
- Continuous
- Extraneous

QUESTION 5

Explain the characteristics of a research problem as put forward by Tuckman (1972).

QUESTION 6

The questionnaire is a basic data gathering instrument. It must be carefully constructed to elicit valid and reliable responses. Mention 10 steps that must be followed by a researcher to improve the quality of any questionnaire.