



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MARCH/APRIL 2014 EXAMINATION**

COURSE CODE: HEM 707

COURSE TITLE: BIostatISTICS

TIME ALLOWED: 1½ HOURS

INSTRUCTION: ANSWER QUESTION 1 AND ANY OTHER 2 QUESTIONS

Question 1: Compulsory (30 marks)

Describe, with appropriate examples, the following:

1a: Experimental study (**10 marks**)

1b: Exploratory study (**10 marks**)

1c: Descriptive study (**10 marks**)

Question 2

Write short notes on any 4 of the following:

2a: Null Hypothesis (**5 marks**)

2b: Ratio scale (**5 marks**)

2c: Interval scale (**5 marks**)

2d: The Range (**5 marks**)

2e: Ordinal scale (**5 marks**)

2f: Standard Deviation (**5 marks**)

Question 3

Njenamje is about to embark on her final year research project. Explain to her, the stages of research project (**20 marks**)

Question 4

Describe the types and features of probability sampling (**20 marks**)