



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91 CADASTRAL ZONE, JABI ABUJA
FACULTY OF HEALTH SCIENCES
JANUARY-MARCH 2018 EXAMINATION

PROGRAMME: PGD HIV/AIDS EDUCATION AND MANAGEMENT

Course Title: **Biostatistics (HEM707)**

Credit Unit: 2

Time Allowed: 2 Hours

Total Score: 70 marks

Instruction: Answer all questions.

Q1. a). Describe with specific examples the various stages of a research project (20 marks)

b). Discuss the four scales on which variables are measured citing clear examples (10 marks)

Q2. a). Enumerate ten sources of error in measurements. (10 marks)

b). what do you understand by literature review (5 marks)

c). List ten (10) purposes of literature review (10 marks)

Q3. a). What do you understand by research hypothesis (5 marks)

b) Enumerate at least five (5) importance of research hypothesis (5 marks)

c). Briefly describe the likely procedures you will follow to select a simple random sample of 50 students from a population of 160 students in a class (5 marks)