

## **NATIONAL OPEN UNIVERSITY OF NIGERIA...**

### **FACULTY OF HEALTH SCIENCES**

## **DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE**

# 2020\_2 EXAMINATION

**COURSE CODE: EHS 407 TIME ALLOWED: 2 HOURS 30 MIN COURSE TITLE: RESEARCH METHODOLOGY AND PROPOSAL WRITING COURSE UNITS: 3 CREDIT UNITS TOTAL SCORE: 70 MARKS Instruction: Answer ALL questions QUESTION NO. 1** Distinguish between Research methods and Research Methodology (5marks) State six importance of research to man (6marks) Make a brief comparison between 'laboratory' and 'library' research. (4marks) Question No. 2 (2marks) What is a secondary data? Describe in details the following instruments of data collection (7marks) Interview (7marks) Questionnaire Question No. 3 What is an experimental design? (2marks)

(5marks)

(9marks)

List any five (5) common experimental designs you have studied

Briefly describe any three of the designs listed 3b above

# What is data processing? (2marks) Describe in details the following data processing steps i) Editing ii) Coding iii) Classification (15marks) State the principal differences between a research proposal and a research (project) report

(6 marks)

Question No. 4