



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

What is a secondary data? **(2marks)**

Describe in details the following instruments of data collection

Interview **(7marks)**

Questionnaire **(7marks)**

Question No. 3

What is an experimental design? **(2marks)**

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

Briefly describe any three of the designs listed 3b above **(9marks)**

Question No. 4

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)