



**NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91, CADASTRAL ZONE
NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH SCIENCE
2022_2 EXAMINATION**

COURSE TITLE: Research Methods in Public Health

COURSE CODE: PHS805

COURSE UNITS: 3 Units

TIME ALLOWED: 2 Hours

TOTAL MARKS: 70 %

INSTRUCTION: Answer ALL Questions

QUESTION 1 (20 marks)

Distinguish between the following, using examples

- (a) discrete and continuous variables.
- (b) Interval scale and ratio scale.
- (c) Sample and population
- (d) Define the following terms:
 - (i) Sampling unit
 - (ii) Target population
 - (iii) Study design
 - (iv) Sampling frame
 - (v) Study population

Question 2 (20 marks)

Write short notes on the following

- (a) Cohort studies
- (b) Cross-sectional studies
- (c) Selection of case controls
- (d) Features of randomised clinical trials

Question 3 (15 marks)

In carrying out a qualitative research, explain

- (a) How to plan for the observation
- (b) How to recruit participants
- (c) List three strengths and two weaknesses of an observation

Question 4 (15 marks)

You are required to write a proposal for a research grant. Discuss how you will go about it under the following

- (a) Finding a good topic
- (b) Narrowing down the topic
- (c) Determining if a selected topic is good and relevant

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