NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi - Abuja
FACULTY OF MANAGEMENT SCIENCES
2022_2 EXAMINATION

COURSE CODE: FMS 825
COURSE TITLE: Research Methodology
CREDIT UNIT: 3
INSTRUCTION: 1. Indicate your Matriculation Number clearly
2. Attempt question one (1) and any other three (3) questions; four questions in all
3. Question one (1) is compulsory and carries 25 marks, while the other questions carry 15 marks each.
4. Present all your points in a coherent and orderly Manner
TIME ALLOWED: 2½ Hours

Question 1

(a) State the operational meaning of a variable; and from the sentence below, identify the different types of variables contained therein.

15 marks

Impact of COVID-19-induced working-from-home policy on employee productivity in Nigeria

(b) Identify and clearly explain the four basic operations that describe the nature and order of relationship between two phenomena in a research process.

10 marks

Question 2

(a) A very critical stage in the research process is topic selection, and certain factors exist to make the process of topic selection less strenuous to students. Precisely identify and explain those factors.

8 marks

(b) What is a research hypothesis and where can it be derived?

7 marks

Question 3:

(a) Succinctly differentiate between an internal proposal and an external propos

8 marks

(b) Highlight the common budget elements/heads in a typical research proposal.

7marks

Question 4

Identify and explain the major elements and types of research design. **15 marks**

Question 5

(a) Differentiate between probability and non-probability sampling techniques, giving at least three examples of each. **8 marks**

(b) Consider a population of size N = 680, with a sampling error of 5 percent. Using the Taro Yameni's sample size determination technique, you are required to estimate the sample from this finite population. **7 marks**