NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF ECONOMICS
2024_2 EXAMINATION

COURSE TITLE: RESEARCH METHODOLOGY
COURSE CODE: ECO 311
CREDIT UNITS: 3 UNITS
TIME ALLOWED: 3 HOURS
INSTRUCTION: ANSWER QUESTION ONE AND ANY OTHER THREE (3) QUESTIONS

QUESTION 1

1a). The *F-test* and *t*-statistic could be used to ascertain the validity of the null hypothesis. What are the differences between them?
(10 Marks)

1b). A survey done 10 years ago in Nigeria found that the average salary of an accountant was ₦74, 914. An accounting researcher would like to test whether over the years if this average has increased or not. A sample of 112 accounts produced a mean salary of ₦78, 695. Also given is the population standard deviation of ₦14,530 at a 5% level of significance, interpret your result. (15 Marks)

QUESTION 2

2a). In what way is basic research different from applied research? (6 Marks)
2b). Highlight three (3) types of descriptive research (9 Marks)

QUESTION 3

3). Explain the modalities of data collection in survey research. (15 Marks)

QUESTION 4

4). List and discuss five (5) different types of literature review (15 Marks)

QUESTION 5

5. Under what conditions would you use the following sampling techniques/procedures?
(15 Marks)

i). Systematic Sampling
ii). Snowball Sampling
iii). Cluster Sampling