



NATIONAL OPEN UNIVERSITY OF NIGERIA

Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi-Abuja.

Faculty of Education

2022_1 EXAMINATIONS

PROGRAMME: B.ED

COURSE TITLE: BASIC RESEARCH METHODS IN EDUCATION

COURSE CODE: EDU 323

CREDIT UNIT(s): 2

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER QUESTION NO. ONE (1) AND ANY OTHER TWO (2) QUESTIONS

Question 1

- a. Best and Kahn (1995) gave a summary of the characteristics of research. Enumerate any six (6) of these characteristics. **(6 marks)**
- b. Justify the reason for reviewing related literature in research **(18 marks)**
- c. Highlight and briefly explain in one, or at most two (2) sentences, the two (2) main types of statistics used in data analysis in research **(6 marks)**
- (Question 1 = 30 marks)**

Question 2

Highlight and discuss at least five (5) steps involved in educational research **(20 marks)**

(Question 2 = 20 marks)

Question 3

- a. Define observation in research **5 marks**
- b. Why is Observation, as a method of data collection preferred above Questionnaire and Interview? **5 marks**
- c. Briefly discuss the Criterion- Related Validity **10 marks**

(Question 3 = 20 marks)

Question 4

- a. Differentiate between 2-tailed and 1-tailed test of hypotheses **4 marks**
- b. The TMA score of 20 NOUN students in EDU323 are as follows:

3,5,4,8,6,4,7,7,6,6,5,7,6,8,5,4,7,3,5,6. Calculate the following

- i. Range ii. Mode iii. Mean iv. The variance **16 marks**

(Question 4 = 20 marks)