



# NATIONAL OPEN UNIVERSITY OF NIGERIA

91 Cadastral zone, Nnamdi Azikiwe Expressway, Jabi, Abuja

## FACULTY OF EDUCATION

2023\_1 POP EXAMINATION

**COURSE CODE**      **EDU 323**  
**COURSE TITLE**    **BASIC RESEARCH METHODS IN EDUCATION**  
**CREDIT UNIT**     **2**  
**TIME ALLOWED**    **2HOURS**  
**INSTRUCTION**     **ANSWER QUESTION ONE AND ANY OTHER TWO**

### QUESTION ONE.

- (a) What is a questionnaire?
- (b) Briefly describe the components of a questionnaire.
- (c) Construct an eight (8) item questionnaire for a named population and a named research topic. (30 marks, 45 mins.).

### QUESTION TWO.

- (a) Mention and define the three(3) measures of central tendency.
- (b) Given a composite table containing the class intervals and their frequencies, complete the composite table.

S/N	Class interval	Real Exact Limit	Frequency	Cumulative Frequency
1	75—79		2	
2	70 – 74		3	
3	65 – 69		5	
4	60 – 64		6	
5	55 – 59		8	
6	50 – 54		12	
7	45 – 49		15	
8	40 -- 44		10	
9	35 – 39		8	
10	30 -- 34		3	

(20 marks. 35 mins)

### QUESTION THREE

- (a) Mention the three (3) main parts of a research project report.

- (b) Chapter one of the research report is the INTRODUCTION, explain the components of the chapter one. (20 marks, 35 mins).

**QUESTION FOUR**

- (a) Briefly discuss the limitations of educational research to be as scientific as natural sciences.
- (b) What are the two (2) sources of historical data? (20 marks, 35 mins)