



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikwe Express Way, Jabi, Abuja
Faculty of Education
2020_1 Semester

PROGRAMME: B.Ed.

COURSE TITLE: Basic Research Methods in Education

COURSE CODE: EDU323

CREDIT UNIT(s): 2

TIME ALLOWED: 2 HOURS

INSTRUCTION: Answer question one and any other two .

Question 1

SN	CLASS INTERVAL	REAL EXACT LIMIT	FREQ.	CUMMULATIVE FREQ.
1	70-74		3	
2	65-69		5	
3	60-64		6	
4	55-59		8	
5	50-54		12	
6	45-49		15	
7	40-44		13	
8	35-39		10	
9	30-34		8	
10	25-29		5	

- i. Complete the composite table above. **(30 marks)**

Question 2

- (a). Describe educational research in your own words. **(5 marks).**
(b). Explain the five (5) characteristics of educational research.
(15 marks).

Question 3.

You are aware that scientific attitude is brought to bear in carrying out educational researches.

- (a). Explain the four scientific attitudes which you have to apply in your research to avoid ethical issues **(10 marks).**
(b). Explain the four ethical issues you need to avoid in your research. **(10marks)**

Question 4

- (a). What is a variable in research?
- (b). Using examples, differentiate between
 - (i). Independent and dependent variables
 - (ii). Continuous and discrete variables
 - (iii). Interfering and extraneous variables.

(5 marks)

(15 marks)