



**KIBABII UNIVERSITY**

**UNIVERSITY EXAMINATION**

**ACADEMIC YEAR 2020/2021**

**THIRD YEAR SECOND SEMESTER MAIN  
EXAMINATIONS**

**BACHELOR OF EDUCATION**

**COURSE CODE: EDF321**

**COURSE TITLE: Research Methods in Education**

**DATE: FRIDAY 8<sup>TH</sup> OCTOBER, 2021 TIME: 8:00-10:00AM DURATION: 2 HOURS**

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**INSTRUCTIONS TO CANDIDATES**

Answer Question One (compulsory) and Any other TWO (2) Questions

KIBU observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

## **SECTION A: ANSWER ALL QUESTIONS**

### **QUESTION ONE**

- 1a) Outline and explain four sources of knowledge in educational research (8 marks)
- b) Explain five characteristics of a good sample in an educational research (10 marks)
- c) Outline the steps of educational research (7 marks)
- d) Explain five advantages of sampling in research (5 marks)

## **SECTION B: ATTEMPT ANY TWO QUESTIONS**

### **QUESTION TWO**

Giving relevant examples, discuss the scales of measurement in education research (20 marks)

### **QUESTION THREE**

In the department of educational planning and management there are seven lecturers whose ages are as follows 50 30 65 40 60 45 60. With this information calculate (20 marks)

- i) Age mode (2 marks)
- ii) Age median (2 marks)
- iii) Age mean (4 marks)
- iv) Variance of their ages (7 marks)
- v) Standard deviation (5 marks)

### **QUESTION FOUR**

Discuss five problems faced by educational researcher in their search for knowledge (20 marks)

## QUESTION FIVE

Explain the following types of variables giving examples for each (20 marks)

- I. Independent variables (4 marks)
- II. Dependent variables (4 marks)
- III. Extraneous variable (4marks)
- IV. Intervening variables (4 marks)
- V. Moderator (4marks)