



OFFICE OF THE DEPUTY PRINCIPAL
ACADEMICS, RESEARCH AND STUDENT AFFAIRS

UNIVERSITY EXAMINATIONS

2020/2021 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER REGULAR MAIN
EXAMINATION

FOR THE DEGREE OF BACHELOR OF EDUCATION

COURSE CODE: EDU 300

COURSE TITLE: EDUCATIONAL RESEARCH

DATE: 12TH JULY, 2021

TIME: 1.00PM – 4.00PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF THREE PRINTED PAGES PLEASE TURN OVER

REGULAR – MAIN EXAM

EDU 300: EDUCATIONAL RESEARCH

STREAM: BED

DURATION: 3 Hours

INSTRUCTIONS TO CANDIDATES

- i. Answer Question **ONE** and any other **TWO** questions.
- ii. Do not write on the question paper.

Question One

- a) i) Define educational research. (2Marks)
- ii) State FOUR objectives of educational research. (4Marks)
- iii) Explain FIVE significance of research in education. (10Marks)
- b) Highlight SIX sources of information in educational research. (6Marks)
- c) Discuss FOUR approaches to research in education. (8Marks)

Question Two

- a) Define the term research methods as used in education. (2Marks)
- b) Explain THREE key decisions that a researcher should make when planning on the research method to use in conducting a research. (6Marks)
- c) Distinguish between:
 - i) Qualitative and quantitative data (4Marks)
 - ii) Descriptive and Experimental research. (4Marks)
- d) Explain TWO reasons why knowledge of scientific research methodology is of value to Kenya's educational development. (4Marks)

Question Three

- a) What is a research proposal (2Marks)
- b) Describe the structure of a research proposal. (18Marks)

Question Four

An educational researcher is interested in the relationship between students' participation in two school programmes and academic achievement. She states the following hypothesis in the description of her study:

H1: Children who participate in school programme that emphasizes critical thinking skills will score higher on measures of academic achievement and self-esteem than students who participate in a program that emphasizes rote memorization.

- a) What are the variables in this study? (4Marks)
- b) Identify the independent variable(s) and dependent variable (s). (4Marks)
- c) List other types of variables in a research apart from independent and dependent ones. (2mks)
- d) Explain FIVE importance of a conceptual framework in a research. (10Marks)

Question Five

- a) Briefly discuss the following types of research in education.
 - i) Correlation (5Marks)
 - ii) Ethnographic (5Marks)
 - iii) Evaluation (5Marks)
- b) State the advantages of each of the types of research in (a) above. (5Marks)
