



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATION

FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN CURRICULUM & INSTRUCTION

COURSE CODE: CUT 912

COURSE TITLE: ADVANCED RESEARCH METHODS IN EDUCATION

DATE: 27th January 2022

TIME: 2.00 – 4.00 pm

INSTRUCTIONS TO CANDIDATES

Answer Question One and any other TWO Questions

TIME: 2 Hours

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

QUESTION ONE (20 MARKS)

The Kenya Government through the Ministry of Education is gradually implementing the Competence Based Curriculum that seems to be marred with challenges. As an expert in Curriculum & Instruction, you wish to carry out a study and recommend on the same to the Government.

- a) Identify one possible researchable challenge and state the problem (6 marks)
- b) Generate three objectives that the researcher may post for study (6 marks)
- c) Develop one research question and one hypothesis for the study (4 marks)
- d) Suggest with justification a suitable research design for the study (4marks)

QUESTION TWO (20 MARKS)

Compare and contrast the quantitative and the qualitative approaches as applied in educational research

QUESTION THREE (20 MARKS)

A researcher intended to establish the uptake of teachers in using Information Communication and Technology in instruction during the COVID-19 era. Describe how the researcher may draw a representative sample for study.

QUESTION FOUR (20 MARKS)

Data collection instruments are research tools that help the researcher to obtain valid and reliable information required for the study. Describe how validity and reliability of such instruments maybe achieved

QUESTION FIVE (20 MARKS)

Identify and describe the main components of a research proposal