

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE
OF BACHELOR OF EDUCATION (ARTS & SCIENCE)**

EPSC 222: RESEARCH METHODS IN EDUCATION

STREAMS: BED (ARTS & SCI) Y2S2

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 15/04/2020

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- Answer question ONE and any other TWO questions
- Do not write on the question paper

QUESTION ONE (30 MARKS)

- (a) Distinguish dependent variables from independent variables from study in research [4 marks]
- (b) (i) Identify a research title of study then; [2 marks]
(ii) State two objectives from the title [4 marks]
(iii) Formulate two null hypothesis from the study title [4 marks]
- (c) Describe any five characteristics of a good research [10 marks]
- (d) Identify three tools that a researcher can use for data collection and show how [6 marks]

QUESTION TWO (20 MARKS)

- (a) Define literature review and the purpose why researchers do it [10 marks]
- (b) Hussein is a fourth year student in Chuka University. Advise him on how he can identify a good research problem. [10 marks]

QUESTION THREE (20 MARKS)

- (a) Define the term reliability as used in research [2 marks]

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- (b) Describe four techniques for testing the reliability of a test or research instrument [8 marks]
- (c) Evaluate five research designs that are used in carrying out studies in Kenyan universities [10 marks]

QUESTION FOUR (20 MARKS)

- (a) Define the term validity as used in research [2 marks]
- (b) Examine any five types of validity that researchers in education use [10 marks]
- (c) Describe any four ethical issues that guide researchers in education [8 marks]
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