



KENYATTA UNIVERSITY
CONTINUING EDUCATION PROGRAMME (CEP) 2022/2023
EXAMINATION FOR THE POSTGRADUATE DIPLOMA IN EDUCATION
EMP 724: RESEARCH METHODS

APRIL 2023 SESSION

TIME: 2 Hours

INSTRUCTIONS: Answer Question ONE and any other TWO Questions.

Question One

Jane is interested in finding out whether tuition has any influence on productivity of a student:

- (a) State the purpose of the study. (2 marks)
- (b) State three objectives of the study. (3 marks)
- (c) Explain two limitations of this study. (2 marks)
- (d) State 4 research questions suitable for this study. (4 marks)
- (e) Formulate one null and alternative hypothesis. (2 marks)
- (f) Explain two ethical issues that John need to consider. (2 marks)
- (g) Describe how Jane would use both stratified and simple random sampling for the study. (4 marks)
- (h) Draw and explain a conceptual framework with three independent variables, one intervening variable and one dependent variable for this study. (6 marks)
- (i) Justify a research design suitable for this study. (5 marks)

Question Two

- (a) Describe using examples, the difference between in-text citation and a list of reference. (2 marks)
- (b) Discuss five (5) reasons why literature review is important in the research process. (10 marks)
- (c) Discuss four (4) sources of literature available for researchers. (8 marks)

Question Three

Discuss a step by step process of data analysis, findings and discussion in a correlation study.

(20 marks)

Question Four

Discuss five (5) instances when a questionnaire would be a suitable tool for collection in a study. *data*
(20 marks)

Question Five

Discuss the components of a research proposal. (20 marks)