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**KENYA METHODIST UNIVERSITY**

**END OF 3RD TRIMESTER 2018 (FT) EXAMINATION**

**FACULTY : EDUCATION AND SOCIAL SCIENCES**

**DEPARTMENT : EDUCATION**

**UNIT CODE : SOST 202/BUSS 423**

**UNIT TITLE : INTRODUCTION TO RESEARCH METHODS**

**TIME : 2 HOURS**

**INSTRUCTIONS:**

* ***Answer Question One and any other Two Questions.***

**Question 1 (One)**

1. Explain the following terms:
2. Sample.
3. Extraneous variable.
4. Research problem. (6 marks)
5. Using relevant examples differentiate between directional and non- directional alternative hypotheses. (4 marks)
6. Distinguish between theoretical framework and conceptual framework, clearly elaborating the relevance of each in a research proposal.

(8 marks)

1. Elucidate the relevance of data collection. (6 marks)
2. Examine factors to consider when choosing a research design. (6marks)

**Question 2 (Two)**

1. An abstract is a research proposal at a glance. Discuss (5 marks)
2. You are just about to write your literature review, examine Five guidelines that would guide you in coming up with a quality review. (10 marks)
3. Describe how you can ensure reliability and validity of the research instruments for your study. (5 marks)

**Question 3 (Three)**

1. Examine criteria for selecting a research problem. (8 marks)
2. Illustrate using appropriate examples the difference between stratified and quota sampling techniques. (6 marks)
3. Elaborate the precautions you would take to avoid plagiarism as a researcher. (6 marks)

**Question 4 (Four)**

1. An interview is an effective tool in collecting in-depth data. Discuss what some considerations you would put in place to have a successful interview. (10 marks)
2. Examine the process you would take up to analyse qualitative data collected using unstructured interviews. (10 marks)

**Question 5 (Five)**

Examine the following research designs.

1. Experimental research design.
2. Cross-cultural research design.
3. Descriptive research design.
4. Causal comparative research design. (20 marks)