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**CHUKA**



**UNIVERSITY**

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**UNIVERSITY EXAMINATIONS**

**THARAKA CAMPUS**

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
EDUCATION**

**PEPS 222: RESEARCH METHODS IN EDUCATION**

**STREAMS: B.ED (PRIMARY OPTION) Y3S1**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 06/08/2019**

**8.30 A.M. – 10.30 A.M.**

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**INSTRUCTIONS:**

- Answer question **ONE** and any other **THREE** questions
- Do not write anything on the question paper

**QUESTION ONE (25 MARKS)**

- (a) Differentiate the following terms used in research.
- (i) Basic and applied research
  - (ii) Accessible and target population
- (b) Explain the various measurement scales used in research. (4 marks)
- (c) You have been appointed as the head teacher of a very fast growing school. Explain four benefits of conducting regular research in your school. (8 marks)
- (d) Explain five sources from which a research problem can be identified. (5 marks)
- (e) Extensive search for relevant information is a critical pre requisite for any successful research process. Explain four sources of research literature. (4 marks)

**QUESTION TWO (15 MARKS)**

- (a) It has been said that respondents are the most delicate persons to deal with and therefore require very careful handling during research. Discuss ethical issues that you would consider when collecting data in a field inquiry. (8 marks)
- (b) Discuss the steps you would follow in analyzing quantitative data during research. (7 marks)

**QUESTION THREE (15 MARKS)**

Identify an area of your choice for a research study and do the following.

- (a) Formulate a good research problem. (3 marks)
- (b) From your problem, formulate four SMART research objectives. (4 marks)
- (c) For each one of the objectives in “b” above, formulate a research question. (4 marks)
- (d) Write a statement of your problem in “a” above. (Minimum 100 words). (4 marks)

**QUESTION FOUR (15 MARKS)**

- (a) Discuss four probability designs used in sampling. (8 marks)
- (b) Discuss three non-probability designs used in research sampling. (7 marks)

**QUESTION FIVE (15 MARKS)**

- (a) Explain five characteristics of a good research. (5 marks)
  - (b) You have been appointed to lead a group of young researchers in a study on an emerging social issue. Discuss the type of instruments you would use for data collection in your study. (10 marks)
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