CHUKA   **UNIVERSITY**

<center>UNIVERSITY EXAMINATIONS</center>

<center>RESIT/SPECIAL EXAMINATION</center>

<center>EXAMINATION FOR THE AWARD OF DIPLOMA IN PROJECT PLANNING AND MANAGEMENT</center>

PPMA 0212: RESEARCH METHODS IN PROJECT MANAGEMENT

STREAMS: **TIME: 2 HOURS**

DAY/DATE: THURSDAY 13/09/2018   **2.30 P.M. – 4.30 P.M.**

INSTRUCTIONS:

- *Answer question one and two more*

QUESTION ONE (30 MARKS)

1. Define the following terms as used in research.
   i.   Population   (2 marks)
   ii.   Census   (2 marks)
   iii. Element   (2 marks)
   iv.   Sample   (2 marks)
   v.   Independent variable   (2 marks)

2. Crime is considered "unacceptable" societal behaviour. Assume that the organization which you work for is intending to carry out a study on factors influencing youth crime and delinquency in Nairobi County. The youth and youngsters who engage in these unacceptable activities are hard to reach because of social stigma and illegality of their work. Your friend (who does not engage in criminal activities) has promised to connect you to one of the youth who is considered to be the ring leader of the youth and youngsters who engage in crime. This ring leader will assist you to identify other potential subjects for the purpose of your study.

   Required:

   i.   State with reasons the sampling method you would in this study.   (4 marks)
   ii.   Outline three limitations of the sampling method in (i) above.   (3 marks)

3. Highlight three characteristics of a good sampling design.   (3 marks)

4. Outline five advantages of interview method as a method of data collection.
(5 marks)
5. Outline steps you would follow to analyse qualitative data.   (5 marks)

QUESTION TWO (20 MARKS)
1. A community development worker is intending to carry out a study on "Influence of demographic characteristics on organizational commitment of lecturers in University ABC". Required:
    i.   Outline five ethical issues you would advise this worker to observe in the process of carrying out this study.   (5 marks)
    ii. Outline five importance of literature review analysis related to this study.
(5 marks)
2. Explain five factors to consider while selecting appropriate data collection method.
(10 marks)

QUESTION THREE (20 MARKS)

1. Explain four features of a good research design.   (8 marks)
2. Write short notes on the following.
    i.   Cluster sampling   (3 marks)
    ii. Stratified sampling   (3 marks)
    iii. Simple random sampling   (3 marks)
    iv. Systematic sampling   (3 marks)

QUESTION FOUR (20 MARKS)

1. Outline eight qualities of a good hypothesis.   (8 marks)
2. Differentiate primary data from secondary data. Give examples. (4 marks)
3. Explain four importance of research in project management.   (8 marks)

QUESTION FIVE (20 MARKS)

1. Outline six features of a good research problem.   (6 marks)
2. Develop a research title of your own, state two specific research objectives, and develop a conceptual framework.   (6 marks)
3. Giving relevant examples, explain four types of measurement scales.   (8 marks)