

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS
CHUKA /EMBU**

**EXAMINATION FOR THE AWARD OF DIPLOMA IN PROJECT PLANNING AND
MANAGEMENT**

PPMA 0212: RESEARCH METHODS

STREAM:

TIME: 2 HOURS

DAY/DATE: FRIDAY 10/08/2018

11.30 A.M – 1.30 P.M

INSTRUCTION:

- **Answer question one and two more questions**

1. (a) Define the following terms as used in research.

(i) Sample [2marks]

(ii) Population [2marks]

(iii) Secondary data [2marks]

(b) Differentiate research from research methodology. [4marks]

(c) ‘ We shall not allow the lives of youth and those of their families to be destroyed by drug barons.’ This statement was made by President Uhuru Kenyatta when he toured coastal Kenya in 2017 in reference to drug abuse among the youths. Assume you work as project officer for a local NGO based in coastal Kenya which has received funding from United Nations office on Drug and Crime (UNODC) to carry out a study on factors influencing drugs and substance abuse among the youths in coastal Kenya. You are aware that it may be difficult to get youths who use drugs, but chances are high that you will get one of the drug users who will connect you to the other drug users, thus have the required sample size for your study.

Required :

(i) State with reasons the sampling method you would use in this study. [4marks]

- (ii) Outline four advantages of the sampling method in (i) above. [4marks]
- (d) Highlight six importance of literature review analysis. [6marks]
- (e) Outline six characteristics of a good hypothesis. [6marks]
2. (a) State and explain any five types of probability sampling techniques. [10marks]
- (b) You intend to carry out a study on “determinants of students performance in project planning and management course at Chuka University” Analyze five factors you would put into consideration while selecting appropriate method of data collection. [10marks]
3. (a) Assume that the county government of Embu has commissioned a study on “The influence of parental involvement on the academic performance of public primary school children in Embu county: . You have been hired as a research executive where your main work will be collect data from school going children, parents, teachers and senior education officials in the county.
- Required :**
- (i)Identify independent and dependent variables from the above research topic.
[2marks]
- (ii) Suggest one specific research objective that could be used in this study.
[2marks]
- (iii) Discuss five ethical issues you would put into consideration while carrying out this research. [10marks]
- (b) Outline six characteristics of a good research problem. [6marks]
4. (a) Write short notes on the following types of qualitative research approach.
- (i) Inferential approach. [3marks]
- (ii) Experimental approach [3marks]
- (iii)Simulation approach [3marks]
- (b) Outline five characteristics of a good sampling design. [5marks]
- (c) State and explain three types of hypotheses. [6marks]
5. (a) Explain four importance of research in project planning and management.

[8marks]

(b) State and explain the four types of measurement scales. [8marks]

(c) Differentiate an intervening variable from an independent variable. [4marks]
