

CHUKA



UNIVERSITY

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

PPMA 0212: RESEARCH METHODS IN PROJECT PLANNING

STREAMS: DIP. PPMA (Y2S1)

TIME: 2 HOURS

DAY/DATE: THURSDAY 01/04/2021

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- *Answer all questions in section A and any other two in section B*

SECTION A

Question one

- Using examples, outline the various types of data in research. (4 marks)
- Elaborate five key reasons why it is important to carry out research in community development. (5 marks)
- Briefly explain the problems facing research in Kenya today. (6 marks)
- State the characteristics of scientific research. (5 marks)
- Discuss two methods of collecting data, bringing on board the advantages and disadvantages. (10 marks)

SECTION B

Question two

Discuss different types of research giving, relevant examples. (20 marks)

Question three

- (a) Research process consists of series of actions or steps necessary to effectively carry out research and desired sequencing of these steps. Discuss the research process. (10 marks)
- (b) Using critical examples, discuss five different sampling designs used in scientific research. (10 marks)

Question four

- (a) Discuss the criteria of determining a good scientific research. (6 marks)
- (b) Explain different ways of testing reliability and accuracy of data from the website before its use in scientific research. (6 marks)
- (c) Outline the components of a research proposal. (8 marks)

Question five

- (a) Using practical examples, discuss any five research designs. (10 marks)
 - (b) Explain items contained in a research plan. (5 marks)
 - (c) Discuss factors that lead to systematic bias in selecting a sampling procedures. (5 marks)
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