

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATION
RESIT/SUPPLEMENTARY / SPECIAL EXAMINATIONS
EXAMINATION FOR THE AWARD OF DIPLOMA IN PROJECT PLANNING AND
MANAGEMENT**

PPMA 0212: RESEARCH METHODS

STREAMS:

TIME: 2 HOURS

DAY/DATE: THURSDAY 04/11/2021

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

- **Answer Question ONE and any other TWO questions**

- Q1. a) i) Explain any 3 sources of knowledge in research (6 marks)
ii) Differentiate between validity and reliability of research instruments (4 marks)
b) Write brief notes on sources research problems in a study (10 marks)
c) Classify the types of research and give examples
- Q2. a) Using appropriate examples, explain ethical concerns that guide a researcher when conducting a research (10 marks)
b) Discuss any five probabilistic techniques of sampling used in Research. (10 marks)
- Q3. a) Using examples, explain the importance of research in project planning and development (8 marks)
b) i) Justify the need for research in the community (6 marks)
ii) State the challenges facing research (6 marks)
- Q5. a) Discuss the significance of literature review in a study (10 marks)

b) Discuss the characteristics of good research objectives (10 marks)

Q6. a) Explain the types and importance of hypotheses (12 marks)

b) Discuss the methods of analyzing results of a research (8 marks)
