



ZIMBABWE EZEKIEL GUTI UNIVERSITY
COLLEGE FOR LIFELONG LEARNING.

Faculty of Artefactual Design & Futures.

EXAMINATION PAPER

COURSE CODE : **DSDM113**
COURSE TITLE : **RESEARCH METHODS FOR SMART HUMAN
SETTLEMENTS PLANNING AND DESIGN**
SPECIAL REQUIREMENTS : **NONE**
DURATION : **2 Hours**
LEVEL : **1.1**
DATE : **25 NOV 2025**

INSTRUCTIONS TO CANDIDATES:

1. No cell phones are allowed in the examination venue.
2. Question 1 (Section A) is compulsory. In Section B, choose and answer any Two (2) questions.
3. The number of marks for each question or part question is shown in brackets []
4. Use relevant examples to support your answers.
5. Begin each answer on a new page.
6. **DO NOT OPEN THIS PAPER UNTIL THE INVIGILATOR INSTRUCTS**

SECTION A. COMPULSORY QUESTION

QUESTION 1

1. Describe the differences between quantitative, qualitative, and mixed-methods research approaches. Give examples of research questions best suited for each approach in the context of smart settlements.

SECTION B

2. What are the advantages and disadvantages of using secondary data (e.g., census data, administrative records) in quantitative research?
3. What are the strengths and weaknesses of using focus groups for data collection? How do you facilitate a focus group effectively?
4. Explain the rationale for using a mixed-methods approach in research on smart human settlements.
5. Reflect on the challenges and opportunities of conducting research in the rapidly evolving field of smart human settlements planning and design. What are some emerging research areas that deserve more attention?

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