



ZIMBABWE EZEKIEL GUTI UNIVERSITY
COLLEGE FOR LIFELONG LEARNING.

Faculty of Artefactual Design & Futures.

EXAMINATION PAPER

COURSE CODE : **DSDM122.**

COURSE TITLE : **Smart Human Settlements Management Systems.**

SPECIAL REQUIREMENTS : **NONE**

DURATION : **2 Hours**

LEVEL : **1.2** **26 SEP 2025**

DATE :

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 YOU.**

SECTION A. COMPULSORY QUESTION

QUESTION 1

- a) Discuss the role of government structures in the management of smart cities. (10)
- b) Explain how AI integration can enhance urban management. Provide examples. (10)

SECTION B

QUESTION 2.

- 2) Discuss the role of smart traffic management systems in urban planning. Include examples of technologies used, their benefits, and potential challenges in implementation (20)
- 3) Analyse the effectiveness of financial systems such as green bonds in supporting urban sustainability initiatives. (20)
- 4) Discuss the implications of AI integration for public services in smart cities. (20)
- 5) Explore the challenges of implementing innovative financing mechanisms for urban development. (20)

END OF PAPER

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