



# **JULIUS NYERERE SCHOOL OF SOCIAL SCIENCES**

**DEPARTMENT OF RURAL AND URBAN DEVELOPMENT**

**MASTERS OF SCIENCE DEGREE IN URBAN AND REGIONAL PLANNING**

**LEVEL 1 SEMESTER 1**

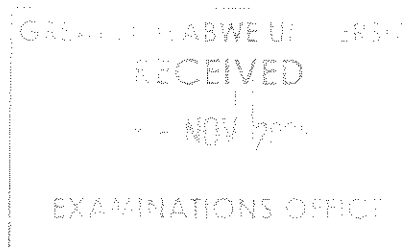
**EXAMINATION PAPER**

<b>MODULE CODE</b>	<b>MURP 114</b>
<b>MODULE NARRATION</b>	<b>TECHNIQUES OF SPATIAL ECONOMIC ANALYSIS</b>
<b>DATE</b>	<b>2024</b>
<b>DURATION</b>	<b>3 HOURS</b>

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**INSTRUCTIONS TO CANDIDATES:**

- 1. Answer any four questions.**
- 2. Each question carries 25 marks.**



1. Demonstrate the applicability of migration models in both national and regional migration.
2. You have been appointed as a city planner for City of Harare, demonstrate how the input-output framework can be used to solve socio-economic problems bedeviling the city.
3. Discuss the contribution of systems approach or systems thinking in solving planning issues in Zimbabwe.
4. Use your knowledge of techniques of spatial economic analysis to develop an innovative stakeholder framework that can be used by local authorities in Zimbabwe.
5. Examine the contribution of theories of location in regional growth and development.
6. Urban expansion comes with constraints that have to be meet. Use the linear programming framework to optimize the city expansion objective. (Use hypothetical constraints in your analysis).

**END OF PAPER**