



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF SPATIAL PLANNING
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SPATIAL
PLANNING AND DESIGN
SEMESTER 2022/2023 ACADEMIC YEAR**

CENTRE: MAIN CAMPUS

COURSE CODE: PPB 1106

COURSE TITLE: SPATIAL ORGANIZATION

EXAM VENUE:

STREAM: SPATIAL PLANNING

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions:

- 1. Answer question 1 (compulsory) and ANY other 2 questions.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

- Q1).** a) Explain the meaning of spatial organization [5 marks]
b) Describe the principles of complementarity, intervening opportunity and transferability in spatial interaction [10 marks]
c) Describe the barriers to diffusion process [8 marks]
d) Describe the criticism of Homer Hoyt's (1925) sectoral model [7 marks]
- Q2).** a) Using illustrations discuss urban land use pattern according to E.W. Burges [10 marks]
b). Discuss the major causes of migration in Africa [10 marks]
- Q3).** Discuss the central place theory by Walter Christaller using diagrams [20 marks]
- Q4)** a). Use sketches to discuss Alfred Weber's model of Industrial Location [10 marks]
b). Discuss the types of spatial diffusion [10 marks]
- Q5).** Examine the assumptions and findings of Von Thunen's agricultural location theory [20 marks]