



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HUMANITIES AND SOCIAL SCIENCE

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
EDUCATION (ARTS) WITH IT**

1ST YEAR 2ND SEMESTER 2016/2017 ACADEMIC YEAR

MAIN CAMPUS (REGULAR)

COURSE CODE: NGE 104

COURSE TITLE: SPATIAL ORGANIZATION

EXAM VENUE:

STREAM (Bed Arts)

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions to students

1. Answer question **ONE**(Compulsory) and any other **TWO** 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.

1. (a) Elucidate the basic concepts and relevance of spatial organization studies (10 marks)

(b) Discuss the scope and determinants of spatial interaction process (20 marks)
2. Discuss with illustrations uses, types and measures of spatial patterns (20 marks)
3. What is the role of network analysis in transportation network? (20 marks)
4. (a) Concisely discuss Von Thunen's model (1826) and how it fits Kenya's cities' land use development patterns (10 marks)

(b) What is the basis and need of classification of features in East African region? (10 marks)
5. Elucidate with hypothetical example purpose and procedure of conducting a nearest neighbour analysis (20 marks)