JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF SPATIAL PLANNING

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SPATIAL PLANNINGAND DESIGN AND BACHELOR OF SCIENCE IN WATER RESOURCE AND ENVIRONMENTAL MANAGEMENT

SEMESTER 2022/2023 ACADEMIC YEAR

CENTRE: MAIN CAMPUS

COURSE CODE: PPB1101

COURSE TITLE: INTRODUCTION TO SPATIAL PLANNING

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.**

1a) Explain the following types of planning

i) Spatial Planning   (4 marks)

ii) Environmental Planning   (3 marks)

iii) Social Planning   (3 marks)

c) Illustrate and explain the meaning of "planning environment as a system of relations"

                                                                                               (10 marks)

b) Discuss the elements of spatial planning.   (10 marks)

2a) The Greeks demonstrated great philosophical thought in the planning of their classical towns, (the Acropolis) which were organized around specific functions. Discuss.   (10 marks)

b) Discuss the factors considered by prehistoric man in settlement planning   (10 marks)

32a) Discuss why a planner needs to understand history in urban and regional planning

                                                                                               (10 marks)

b) Discuss the following models for managing urban differentials

i) Service Centre Strategy   (3 marks)

ii) Growth Centre Strategy   (3 marks)

iii) Rural Trade and Production Centre Strategy   (4 marks)

43a) Using specific examples from Kenya, explain the urban challenges that spatial planning has to deal with in its expanded scope.   (10marks)

b) Discuss the basis for community participation in the plan making process   (10 marks)

5a) Discuss the tenets of utopian planning that distinguishes it from other forms of planning.

                                                                                               (8 marks)

b) Discuss the classifications of data needed for a planning undertaking.   (12 marks)