



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: PPB1313

COURSE TITLE: PLANNING AND DEMOGRAPHY

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.**

QUESTION ONE

- a) Discuss the need for population theories in planning and demography. (5 marks)
- b) Explain the demerits of birth control in planning and demography within an economy. (5 marks)
- c) i. Discuss the causes of inverted population pyramids. (5 marks)
ii. Explain the effects of an inverted population pyramid on a country's economy. (5 marks)
- d) Discuss the Malthusian theory on population. (5 marks)
- e) How does human population of an area affect its ecosystem. (5 marks)

QUESTION TWO

Discuss the factors that influence population structure. (20 marks)

QUESTION 3

Explain how climate change is bound to affect population distribution and planning. (5 marks)

QUESTION FOUR

Discuss how population affects development through factors of production. (5 marks)

QUESTION FIVE

- a) Explain how low birth rate is affecting jurisdictions. (10 marks)
- b) Recommend solutions to mitigate against low birth rates in affected economies. (10 marks)