



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF SPATIAL PLANNING
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS IN
SPATIAL PLANNING
SEMESTER 2016/2017 ACADEMIC YEAR

CENTRE: MAIN CAMPUS

COURSE CODE: PSP 3217

COURSE TITLE: PLANNING AND AGRICULTURE

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.**

Q 1) a) Explain how spatial planning can be leveraged to promote agricultural development in a county [15 Marks]

b) Explain your understanding of the following concepts as applied in the field of agriculture

- Food and nutritional insecurity [3 Marks]
- Strategic reserve [3 Marks]
- Agricultural extension [3 Marks]
- Intensive agriculture [3 Marks]
- Extensive agriculture [3 Marks]

Q2 a) 'Food security has remained an elusive goal in post independent Kenya'. Explain with the aid of relevant examples [10 Marks]

b) Discuss the factors that are taken into consideration while deciding the location of agro-based industry [10 Marks]

Q3 a) Discuss the advantages and disadvantages of urban and peri-urban agriculture [10 Marks]

b) Explain your understanding of sustainable agriculture with the help of relevant examples [10 Marks]

Q4 a) Discuss how climate change impacts agriculture and livestock production with relevant examples from Eastern Africa [10 Marks]

b) Explain your understanding of Von Thunen Model in the context of agriculture and livestock production with the aid a sketch diagram [10 Marks]

Q5 a) Explain your understanding of agricultural marketing with relevant examples [10 Marks]

b) Discuss the multi-dimensional nature of agriculture and livestock development [10 Marks]