



MACHAKOS UNIVERSITY

University Examinations 2016/2017

SCHOOL OF HUMANITIES AND SOCIAL SCIENCE

DEPARTMENT OF SOCIAL SCIENCES

FIRST YEAR SECOND SEMESTER EXAMINATION FOR DEGREE IN

BACHELOR OF EDUCATION (SCIENCE)

BACHELOR OF EDUCATION (ARTS)

AGE 103: SPATIAL ORGANIZATION

DATE: 30/5/2017

TIME: 8:30 – 10:30 AM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

1.
 - a) Explain the factors leading to increased demand and use of resources on the environment (6 marks)
 - b) Assess how the following factors affect individual activity in a space:
 - i. Age (3 marks)
 - ii. Mobility (3 marks)
 - iii. Opportunities (2 marks)
 - c) Distinguish between the following:
 - i. Spatial organization and spatial process (6 marks)
 - ii. Environmental determinism and possibilism (6 marks)
 - iii. Absolute and relative location (4 marks)
2.
 - a) Evaluate the distance -decay principle (8 marks)
 - b) Discuss three methods used in defining a region (12 marks)
3.
 - a) Explain the concept spatial interaction (4 marks)
 - b) Examine four types of spatial diffusion processes that are of interest to human geographers (16 marks)

4. Describe the Von Thunen model of agricultural location and evaluate its relevance in Kenya (20 marks)
- 5 a) Discuss the place attributes and interrelationships in spatial organization (12 marks)
- b) Assess the barriers to migration (8 marks)