

MACHAKOS UNIVERSITY

SUPPLEMENTARY EXAM

NIT CODE: AGE 103 UNIT TITLE: SPATIAL ORGANISATIONS

1a) Define the following terminologies (6 marks)

- i. Space
- ii. Paradigm
- iii. interaction

b) Distinguish between the following;

- i. Environmental determinism and possibilism (6 marks)
 - ii. Systematic and regional approach in study of geography (8 marks)
- c.) explain main characteristics of the systems approach in the study of geography (4 marks)
- d) Explain the effect of distance in spatial interaction (6 marks)

2 a) Explain the role of technology to global interaction (12 marks)

c.) Explain characteristics of any four types of diffusion processes. (8 marks)

3.) Discuss how the following conditions influence spatial interaction

- i. Complementarity (7 marks)
- ii. Transferability (7 marks)
- iii. Intervening opportunities (6 marks)

4 a) Discuss factors that influence the location of industries (20 marks)

b) Explain main ideas of the least cost theory in industrial location (10 marks)

5 a) Discuss the Weberian theory of industrial location (10 marks)

b) Explain main ideas expressed in the optimum location theory in industrial location (10 marks)