



KENYATTA UNIVERSITY

EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

(REAL ESTATE MANAGEMENT)

BRE 301: LAND INFORMATION SYSTEMS

1ST SEMESTER 2021/2022

TIME: 2 HRS

INSTRUCTIONS

Answer Question One and any other Two questions

Question One

- a) Using an example, define spatial data (2 marks)
- b) Distinguish between a juridical, fiscal and multipurpose cadastre (6 marks)
- c) Explain the importance of proper implementation of the National Land Information Management system (NLIMS) to your profession (6 marks)
- d) Discuss the contribution of a land administration system to sustainable development (8 marks)
- e) Your client, a real estate investor is interested in purchasing a piece of land in Westlands area, Nairobi. He has approached you to undertake due diligence on the property.
Outlining the key documents, discuss the procedure that you will adopt in undertaking due diligence (8 marks)

Question Two

- a) Explain the functions of a Database Administrator (6 marks)
- b) Discuss the importance of a Data Management System (DBMS) to the real estate sector in Kenya (8 marks)
- c) Discuss the contribution of a DBMS to the development of a Geographic Information System (GIS) (6 marks)

Question Three

- a) Explain the importance of title registration in Kenya (8 marks)
- b) Discuss the contribution of a reliable land information system to the security of tenure (12 marks)

Question Four

- a) In detail, discuss the contemporary practices at the Ministry of Lands (MOL), department of Lands (12 marks)
- b) Explain the key initiatives undertaken by the ministry of Lands (MOL) to ease the problems associated with conventional land information management systems (8 marks)

Question Five

- a) Discuss the contribution of e-government to the growth of Kenya's real estate sector (4 marks)
- b) You are the lead expert in setting up a land information system in one of the renowned real estate organizations in the country. In detail, discuss the procedure that you will adopt in establishing a proper LIS (16 marks)