



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR**

THIRD YEAR SECOND SEMESTER EXAMINATIONS

MAIN EXAMINATION

FOR THE DEGREE OF

BACHELOR OF SCIENCE IN GEOSPATIAL INFORMATION SCIENCE

COURSE CODE: DPG 313

COURSE TITLE: URBAN AND REGIONAL PLANNING

DATE: 24/4/2023

TIME: 3-5 PM

INSTRUCTIONS TO CANDIDATES

This paper contains **four (4)** questions.

Question **one (1)** is **compulsory** {total = 30 Marks}.

Attempt **any other two (2)** {total = 40 Marks} from the remaining questions.

Be brief and to the point.

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over ⇨

SECTION I: COMPULSORY (30 MARKS)

QUESTION ONE

- a) Explain the following terms as used in Urban and Regional planning:
- i) Planning [2 Marks]
 - ii) A Hamlet [2 Marks]
 - iii) Urbanization [2 Marks]
 - iv) Spatial planning [2 Marks]
 - v) Participatory planning [2 Marks]
- b) Explain the term Urban planning [4 Marks]
- c) Discuss the concerns of Urban planning [6 Marks]
- d) Explain the main types of Regional planning. [10 Marks]

SECTION II: ATTEMPT ANY OTHER TWO (2) QUESTIONS (40 MARKS)

QUESTION TWO

- a) Discuss some of the challenges faced in the implementation of Urban and Regional plans in Kenya. [8 Marks]
- b) Explain Integrated land use planning [4 Marks]
- c) List and explain various types of land use planning [8 marks]

QUESTION THREE

- a) Explain the term Human settlement [4 Marks]
- b) Explain the major differences between a Hamlet and a Village [4 Marks]
- c) Explain the origin of Human settlements [4 marks]
- d) Explain how human settlements have evolved [4 marks]
- e) Why did early man require shelter? [4 marks]

QUESTION FOUR

- a) What is public participation in Urban and Regional planning? [3 Marks]
- b) Explain how we can ensure effective public participation in Urban and Regional planning. [6 Marks]
- c) What are the aims of public participation in Urban and Regional planning. [4 Marks]
- d) What is Urban land use zoning? [3 Marks]

e) Explain why zoning is important in Urban land use planning

[4 Marks]