



**KISII UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**SECOND YEAR EXAMINATION FOR THE AWARD OF THE DEGREE  
OF BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE**

**FIRST SEMESTER 2022/2023  
(SEPTEMBER - DECEMBER, 2022)**

**ENSC 203: HUMAN SETTLEMENT AND POPULATION**

**STREAM: Y2 S1**

**TIME: 2 HOURS**

**DAY: TUESDAY, 3:00 P.M – 5:00P.M**

**DATE: 20/12/2022**

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***INSTRUCTIONS:***

- 1. Do not write anything on this question paper.***
- 2. Answer ALL Questions in Section A (Compulsory) and any other THREE Questions in section B.***

**SECTION A**

- (a) Differentiate between the concept of sustainable human settlement and human development. (5 Marks)

(b) State and briefly describe demographic processes and structures. (5 Marks)

(c) Identify and critically discuss reasons for the establishment of human settlements. (10 Marks)
- (a) Discuss the impact of human settlement and development on the environment. (10 Marks)

(b) Discuss the Rank-Size Rule in relation to human population and settlement. (10 Marks)

**SECTION B**

- (a) Describe some important Pre-historic settlements and Settlements in Classical period. (5 Marks)

(b) State and briefly describe the characteristics of urban and rural settlements. (5 Marks)

4. (a) Explain the Central Place theory in relation to human settlement and population. (5 Marks)

(b) Name and briefly discuss the various levels of human settlements. (5 Marks)

5. (a) State and describe constraints and obstacles to human settlement and development. (5 Marks)

(b) What are the potential approaches to addressing challenges to human settlement and development? (5 Marks)

6. (a) State factors that influence human settlements and development. (5 Marks)

(b) State and briefly discuss the pillars of settlement design in modern society. (5 Marks)