MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER

SCHOOL OF NATURAL RESOURCES, ENVIRONMENTAL STUDIES AND AGRICULTURE

BACHELOR OF URBAN AND REGIONAL PLANNING

COURSE CODE: URP 1209-1

COURSE TITLE: POPULATION DYNAMICS AND PLANNING

DATE: 13/5/2024 **TIME: 0830-1030 HRS**

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in Section **A** and any other **THREE** questions from Section **B**

SECTION A: ANSWER ALL QUESTIONS (20marks)

1. Define the following concepts:

   a) Infant Mortality Rate (2Marks)
   b) Dependency Ratio (2Marks)
   c) Life Expectancy (2Marks)

2. Discuss the following population theories and highlight their relevance in urban and regional planning
   a) Demographic transition theory (5Marks)
   b) Malthusian theory (5Marks)
3. Explain the causes of mortality within a population in a country. (4Marks)

SECTION B: ANSWER ANY THREE QUESTIONS (30marks)

4. The table below represents population statistics of country A. From the information given, calculate the crude birth rate, general fertility rate and Total fertility rate. (Total population of country A is 400,000) (10Marks)

Age (in years)	**No. of Women**	**No. of live births**
15-19	37000	1100
20-24	30000	3750
25-29	27000	2970
30-34	23000	2070
35-39	18000	720
40-44	9000	180
45-44	6000	9

5. Explore case studies of cities that have implemented innovative strategies for managing urban growth, promoting sustainable development, and enhancing the quality of life for urban residents. (10Marks)
6. Discuss the factors driving population growth and urbanization trends in developing countries. (10Marks)
7. "Kenyan population if unchecked will lead to environmental catastrophes", Discuss the statement using relevant examples. (10Marks)

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