



GWANDA STATE UNIVERSITY
FACULTY OF NATURAL RESOURCES MANAGEMENT AND
AGRICULTURE
DEPARTMENT OF GEOGRAPHY AND ENVIRONMENTAL SCIENCE

POPULATION GEOGRAPHY

NGE1202

Final Examination Paper

April 2025

This examination paper consists of 2 pages

Time Allowed: 3 hours

Examiner's Name: Mr. S. Zhou

INSTRUCTIONS

1. Answer any **FOUR** questions
2. Each question carries 25 marks.
3. Credit will be given to answers that are clear, illustrated, concise, and grammatically well-constructed.
4. This question paper has two printed pages

1. Table 1 shows the population data for Country X in 2022.

Table 1: Population data for country X in 2022.

Age Group	Population	Number of deaths
1-4	699 900	20 678
5-9	801 345	5 456
10-14	805 642	2 589
15-19	680 614	3 445
20-24	641 561	5 105
25-34	1 037 405	9 709
35-44	790 516	8 785
45-54	515 696	8 208
55-64	293 598	8 078
65+	2298	2158

a). Calculate and interpret the following demographic measures:

- (i). Crude death rate. [4]
- (ii). Under five mortality rate. [4]
- (iii). Old age mortality rate. [4]
- (iv). Dependency ratio. [3]

b). In 2023 there were 173 770 cases of brain cancer in country Y. About 160 440 people died of the disease. The population of Country Y was 292 287 454.

- (i). Cause Specific Death Rate. [5]
- (ii). Case Fatality Rate. [5]

- 2. Discuss the reasons why aging population is considered a major demographic challenge in developed countries. [25]
- 3. In Zimbabwe, migration can be viewed as a household survival strategy to maximize family welfare. Justify with examples. [25]
- 4. Examine any five proximate determinants of fertility in Zimbabwe. [25]
- 5. According to Lee's Push and Pull theory, personal factors encourage or discourage migration. Discuss. [25]
- 6. Discuss the relationship between poverty and mortality. [25]

THE END