

THE NATIONAL UNIVERSITY OF LESOTHO
BA-URP SUPPLEMENTARY EXAMINATIONS
GES2334: DEMOGRAPHIC ANALYSIS IN PLANNING

AUGUSTS 2023

TOTAL MARKS: 100

TIME: 3 HOURS

INSTRUCTIONS:

- Answer any four (4) questions
 - Where befitting, illustrate answers with relevant diagrams.
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QUESTION 1

- a) Briefly explain how demographic information is vital in:
- i. Business. [10]
 - ii. Politics. [10]
- b) Mention five conclusions about the population that can be drawn/ derived from a population pyramid. [5]
- [25]**

QUESTION 2

- a) Discuss why it is essential for a census to be periodic. [10]
- b) In three points, explain the negative attributes of a survey as a method of data collection [15]
- [25]**

QUESTION 3

From table 1 in provide in the next page Calculate the following and remember to show all your work:

- a) General Fertility Rate and [10]
- b) General Marital Fertility Rate. [15]
- [25]**

Table 1

AGE GROUP	TOTAL WOMEN	WOMEN CURRENTLY MARRIED	TOTAL BIRTHS
15-19	46275899	11315804	1283490
20-24	43442982	32898689	6417421
25-29	41864847	38578454	5733522
30-34	36912128	34780761	3159950
35-39	345358	32183317	1633080
40-44	25859582	32387555	797389
45-49	22541090	19591438	613251
TOTAL			

QUESTION 4

- a) Write a short note on the Optimum population by E. Cannan explaining what it is as well as its application in population dynamics. [10]
 - b) Mention and explain any three features of an optimum population as accounted by E.Cannan. [15]
- [25]**

QUESTION 5

There are various views by different economists about the relationship between population growth and economic development. Critically analyze any two. [25]

QUESTION 6

Table 2 on page 3, depicts the census population data for Margao Goa. Calculate:

- a) Absolute growth [10]
- b) Simple growth rate [15]

3

Table2

Census year	Population Size
1911	238.40
1921	252.09
1931	251.32
1941	278.98
1951	318.66
1961	361.09
1971	439.23
1981	548.16
1991	683.33
2001	846.32
2011	1028.61
2021	1210.19

[25]