



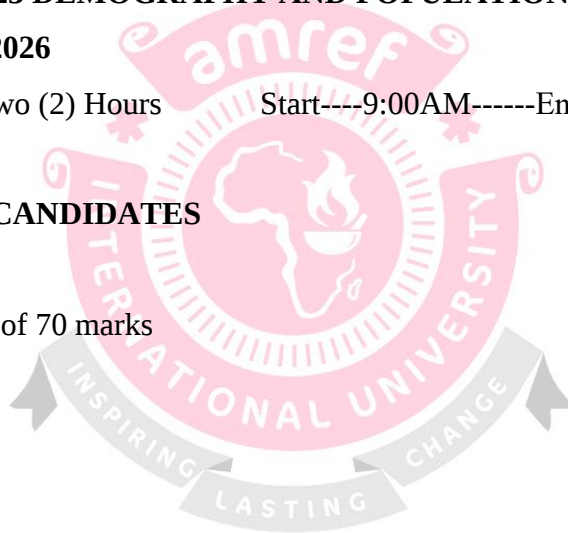
AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH
CHP 223 DEMOGRAPHY AND POPULATION STUDIES

Date :4TH AUGUST 2026

TIME : Two (2) Hours Start---9:00AM-----End...11:00AM.....

INSTRUCTIONS TO CANDIDATES

- 1) This exam is out of 70 marks



Section-A is compulsory with a Total of 30 Marks

1. Define demography and explain why it is important for public health planning 5MKS
2. Distinguish between Crude Birth Rate and Total Fertility Rate 5MKS
3. Calculate the Rate of Natural Increase given: $CBR = 32 \text{ per } 1,000$, $CDR = 11 \text{ per } 1,000$ 5MKS
4. Identify five major differences between population density and population distribution. 5MKS
5. Discuss Stage 2 and Stage 4 of the population characteristics 5MKS
6. Describe five factors that contributes to a country's high fertility rate 5MKS

SECTION- B (60 Marks)

Answer any Tthree (3) questions in Section B

1. Describe 5 sources of demographic data and state 2 advantages and 2 limitations for each 20 Marks
2. Discuss the linkages between population growth, population structure, and community health outcomes 20 Marks
3. Describe how you would interpret the following population pyramid for policy planning:
 - i). Pyramid showing broad base, narrow top. 10 Marks
 - ii) What health services should the government prioritize over the next 10 years for this population 10Marks
4. Describe 4 measures of mortality used in demography. For each, state what it tells you about the health status of a population 20 Marks
5. Compare and contrast Malthusian Theory and the Demographic Transition Theory in explaining population growth and its consequences 20 Marks

