



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF HEALTH SCIENCES; NAMBALE CAMPUS**

**COURSE CODE: HCD 3323**

**COURSE: DEMOGRAPHY AND HEALTH**

**This exam consists of 10 questions. Questions 1 to 6 carry 10 marks each. Questions 7-10 carry 20 marks each. ANSWER QUESTIONS 1-6 AND ANY OTHER TWO QUESTIONS.**

1. Describe the significance of studying demography in health
2. State and explain the basic demographic equation.
3. Define the following terms in demography
  - a) Mean
  - b) Median
  - c) Standard duration
  - d) Frequency distribution
4. In data collection;  
List any five variables indicating their significance
5. Name any 4 methods of
  - a) Primary data collection
  - b) Secondary data collection
6. a) Define life expectancy  
b) Outline life expectancy as a demographic factor
7. Describe the significance of social mobility in demography
8. Discuss the factors influencing the size of the family in demography.

9. Discuss how the following factors affecting population

- i. Fertility
- ii. Fecundity
- iii. Migration
- iv. Mortality
- v. Morbidity

10. List five demographic rates indicating how each affects population.