

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

**UNIVERSITY EXAMINATION FOR CERTIFICATE IN COMMUNITY HEALTH AND
DEVELOPMENT**

2nd YEAR 2nd SEMESTER 2015/2016 ACADEMIC YEAR

KISII CAMPUS

COURSE CODE: HDC 2222

**COURSE TITLE: INTRODUCTION TO DEMOGRAPHY AND POPULATION
STUDIES**

EXAM VENUE: STREAM: (Dip. Comm Hlth & Dev)

DATE: EXAM SESSION:

TIME: 2.00 HOURS

Instructions:

- 1. Answer all questions in section A and any other 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

SECTION A Answer all questions in this section (30 marks)

1. Explain the components of population growth (3mks)
2. Distinguish between demography and population studies (3mks)
3. Outline factors affecting fertility rate (3mks)
4. Differentiate between an age pyramid and age cohort (3mks)
5. Define the terms: (3mks)
 - a. Morbidity
 - b. Mortality
 - c. Natality
6. a) Differentiate between perinatal mortality and neonatal mortality (2mks)
b) Define the term “live birth” (1mks)
7. Briefly explain two methods of collecting demographic data. (3mks)
8. Define the terms:
 - i. Marital dissolution (2mks)
 - ii. Crude birth rate (2mks)
9. Briefly explain the de facto method in census enumeration (2mks)
10. List any three types of population sampling (3mks)

SECTION B Answer any two questions (30 marks)

1. Outline the merits and demerits of a population census (15mks)
2. Explain the relationship between population growth and economic development (15mks)
3. a) Briefly describe the demographic transition theory (10mks)
b) At what stage do most developing countries seem to be? Explain (5mks)
4. a) Discuss the different mortality concepts (10mks)
b) Explain the optimum theory of population (5mks)