

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
HEALTH RECORDS AND INFORMATION MANAGEMENT**

HRIM 123: FUNDAMENTALS OF DEMOGRAPHY

STREAMS: Y1S2

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 08/04/2020

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- **Attempt ALL questions in section ONE and TWO questions in section TWO where question one is mandatory.**

SECTION ONE: (40 MARKS) ATTEMPT ALL QUESTIONS

1. What is the scientific definition of the term “demography” (5 marks)
2. Identify any five factors affecting fertility. (5 marks)
3. Distinguish between immigration and emigration. (5 marks)
4. State 5 uses of demographic data. (5 marks)
5. Explain a dependency ratio and how it is calculated. (5 marks)
6. Calculate and interpret the sex ratio in a class with 84 males and 80 females. (5 marks)
7. With examples, distinguish between De-Facto and De-Jure. (5 marks)
8. In a sub county, there were 151, 326 people at the beginning of a year. Births that occurred during the year were 40, 963. Deaths that occurred during the said year were 15, 608 and the migration in was 3, 619 and the migration out was 974. Using the information above, calculate the population at the end of the year. (5 marks)

SECTION B: (30 MARKS) ANSWER QUESTION 1 AND ANY OTHER 1 QUESTION.

1. Table showing women and birth 1979

Age group	Women	Births
15 – 19	3, 777, 000	756, 900
20 – 24	3, 101, 000	1, 046, 000
25 – 29	2, 636, 000	819, 000
30 – 34	2, 161, 000	565, 000
35 – 39	1, 793, 000	353, 000
40 – 44	1, 484, 000	141, 000
45 – 49	1, 222,000	16, 500

Using the above information, calculate to one decimal place

- (a) A.S.F.R
- (b) Total Fertility Rate
- (c) Crude Birth Rate (15 marks)
2. Discuss the sources of demographic data. (15 marks)
3. Describe the importance of civil registration. (15 marks)
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