

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF MASTERS OF EDUCATIONAL
MANAGEMENT**

EAPE 833: DEMOGRAPHIC STUDIES IN EDUCATION PLANNING

STREAMS: MED (MGT)

TIME: 3 HOURS

DAY/DATE: FRIDAY 23 /07/ 2021

2.30 PM – 5.30 PM

INSTRUCTIONS:

- Answer Question One and any other two Questions
- Do not write on the question paper

1. (a) What are demographics in Education? [3 Marks]
- (b) Explain the concept of demographic Transition in education planning. [4 Marks]
- (c) Differentiate the following terms:
 - (i) Mobility and Mortality
 - (ii) Fertility and Motality
 - (iii) Population and Fecudity
 - (iv) Sampling and Census
 - (v) Dejure and dependency ratio [10 Marks]
- (d) Analyse the advantages and disadvantages of Defacto method of data collection. [8 Marks]
- (e) Explain any three demographic variables. [5 Marks]

2. Using the Sprague multipliers table, calculate the population in ages.
- (i) 3 Years
 - (ii) 7 Years
 - (iii) 6 Years
 - (iv) 13 Years
 - (v) 22 Years

Age group	Population	
0 - 4	5,750,211	
5 -9	3,001, 500	
10-14	1,590,101	
15-19	2,150,101	
20 -24	2,956,654	
25 – 29	769, 600	[15 Marks]

3. (i) Discuss why the educational planner is concerned with:
- (a) The geographical distribution of population
 - (b) Level of education by household members
 - (c) Distribution of population by age and sex. [10 Marks]
- (ii) Explain the causes of inaccuracies in demographic data. [10 Marks]

4. (a) From the demographic data given, divide 20-29 and 40-49 groups into 5 years groups:

Age Group	Population	
0 -9	10,000	
10 – 19	7,400	
20 -29	9,100	
30 – 39	6,000	
40 – 49	11,000	[7 Marks]

- (b) Describe a population pyramid, how it is constructed and the factors that determine its shape. [8 Marks]
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