CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF
MASTERS IN

EAPE 833: DEMOGRAPHIC STUDIES IN EDUCATION PLANNING

STREAMS: MED (MGT) P/T   **TIME: 3 HOURS**

DAY/DATE: WEDNESDAY 7/4/2021   **2.30 PM – 5.30PM**

INSTRUCTIONS:
Answer Question One and Any other two Questions.

Do not write on the Question paper

1. Question One: 30 Marks

a) Explain the following aspects as applied in demographic studies:

(i) Formal demography and social demography

(ii) Fertility and Natality rates

(iii) Qualitative and quantitative aspects of demography

(iv) Fecudity and Parity.   [10 Marks]

(v) Maternal mortality ratio and mobility.   [10 Marks]

b) Discuss the 3 demographic variables?   [6 Marks]

c) What is Demographic Transition ? Does it have any impact on education planning? Discuss.
                                                                     [5 Marks]
d) Analyse the dejure method of data collection. Give its merits and demerits.   [9 Marks]
2.a) Discuss the causes of inaccuracies in demographic data.   [5 Marks]
  b) From the demographic data given below, divide 10-19 and 30-39 groups into 5 years groups.

Age group	Population
0-9	9,000
10-19	8,400
20-29	8,100
30-39	6,100
40-49	10,000

[10 Marks]

30. Using the Sprague multipliers table provided, Calculate the population in ages:

i) 4 years

ii) 8 years

iii) 5 years

iv) 12 years

v) 21 years

Age group	Population	
0 - 4	4,750,211	
5 - 9	4,001,500	
10 – 14	2,590,010	
15 -19	2, 150, 101	
20 – 24	956, 654	
25 – 29	869,600	[15 Marks]

4(a) Discuss the Salient feature of a population census.   [6 Marks]

(b) Giving relevant examples, analyse why an educational planner is interested in:

(i) Distribution of population by age and sex?

(ii) Level of education by household members

(iii) Geographical distribution of population.   [9 Marks]

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