CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF EDUCATION MANAGEMENT

EAPE 833: DEMOGRAPHIC STUDIES IN EDUCATIONAL PLANNING

STREAMS: M.ED MANAGEMENT   **TIME: 3 HOURS**

DAY/DATE: TUESDAY 07/08/2018   **8.30 A.M. – 11.30 A.M.**

INSTRUCTIONS:
- **Answer questions ONE and any other THREE questions.**
- **Do not write on the question paper.**

1. (a) Explain the following terms as applied in demographic studies:
          (i)   Demographic studies
          (ii)   Population
          (iii) Mortality rates
          (iv)   Morbidity
          (v)   Fertility   (10 marks)
    (b) Highlight any three demographic processes.   (6 marks)
    (c) Justify demography as a science.   (8 marks)
    (d) What are the important sources of demographic data? (6 marks)

2. Analyze the importance of demographic data in education planning.   (10 marks)

3. Construct age-sex pyramid from the following table.   (10 marks)

Age group	Country X		Country Y	
	Males	Females	Males	Females
0-9	10	12	110	100
10-19	15	16	120	110
20-29	18	20	90	85
30-39	20	22	80	75
40-49	18	18	75	72
50-59	15	16	60	60
60-69	12	13	45	47
70 and above	10	10	30	35

4.   Given the following population information:

Age group	Population
0-9	5500
10-19	4500
20-29	4200
30-39	4050

Divide the 10-19 into 5 year groups.   (10 marks)

5.   Using the population information in question 4 above calculate the population in ages

(i)   8 years
(ii)   12 years
(iii)   21 years
(iv)   25 years
(v)   35 years

NB Use the Sprague multipliers provided.