CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

CHUKA AND THARAKA CAMPUSES

EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF EDUCATION IN EDUCATIONAL MANAGEMENT

EAPE 833: DEMOGRAPHIC STUDIES IN EDUCATIONAL PLANNING

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

DAY/DATE: THURSDAY 12/04/2018   **2.30 P.M. – 5.30 P.M.**

INSTRUCTIONS:
Answer question one and any other three questions.
Don not write on the question paper.

1.   (a)   Explain the following terms as applied in demographic studies:

     (i)   Demographic studies
     (ii)   Population
     (iii)   Age composition
     (iv)   Infant mortality rates
     (v)   Cohort group   (10 marks)

     (b)   Briefly explain the impact of population growth on educational planning.
                                                                    (5 marks)
     (c)   Explain the methods of measuring natality rates.   (5 marks)

     (d)   What are the causes of inaccuracies in demographic data? (10 marks)

2.   Given the following demographic information:

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

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

(ii)   Divide the 30-39 into 5 years groups.   (5 marks)

3.   Analyze the use of mortality and fatality trends on education planning.   (10 marks)

4.   Discuss the alternative methods of measuring population growth. Give examples.
                                                                     (10 marks)

5.   Using the Sprague multipliers provided. Calculate the population ages of the listed years from the population data given:

Age group	Population
0-4	4 740 211
5-9	4 000 520
10-14	2 590 011
15-19	2 150 102
20-24	956 654
25-29	869 700

(i)   3 years
(ii)   5 years
(iii)   7 years
(iv)   11 years
(v)   20 years   (10 marks)