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Extremely Modented
8/02/2020

KENYATTA UNIVERSITY
SCHOOL OF ECONOMICS
DEPARTMENT OF APPLIED ECONOMICS
EAE 410: DEMOGRAPHIC ECONOMICS

DSVOL SEMESTER II ACADEMIC YEAR 2019/2020

INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS.

TIME: 2 HOURS

Question 1 (Compulsory):

Answer the following questions:

- i. Explain three benefits of demographic data and information. **(6 Marks)**
- ii. Explain three sources of internal migration data in Kenya. **(6 Marks)**
- iii. In 2000, the total number of deaths registered in Burundi was 509,430 and the mean estimate of the mid-year population was 31,754million. Estimate the crude death rate. **(6 Marks)**
- iv. Explain three types of migration rates commonly used. **(6 Marks)**
- v. Explain two methods of estimating infant mortality rate. **(6 Marks)**

Question 2:

(a) Explain the following terms:

- i. Population Pyramid **(3 Marks)**
- ii. Life Expectancy. **(3 Marks)**
- iii. Life Tables. **(3 Marks)**
- iv. Vital Registration **(3 Marks)**
- v. Nuptiality. **(3 Marks)**

(b) Explain the procedure for obtaining the standardized rate. **(5 Marks)**

Questions: 3

- (a) The size of population and its structure is very critical in the economic development of country and the world at large. Discuss. **(15 Marks)**

(b) Explain exact Matching of Births and Deaths. (5 Marks)

Question 4:

(a) Explain Whipple's and Myers' Indexes. (10 Marks)

(b) Explain five advantages of sample surveys. (10 Marks)

Question 5:

(a) Explain five reasons why birth rate data are significant. (10 Marks)

(b) In the 1978 census (Sudan) children under 5 years comprise 904,394 males and 925,080 females. The distribution of women in the reproductive age group is as given below. Calculate the child woman ratio (fertility ratio) for women aged 20-49; 30-49; and, 40-49. (10 Marks)

Age group	Number
15 - 19	410,352
20 - 24	378,163
25 - 29	377,011
30 - 34	296,799
35 - 39	253,697
40 - 44	190,328
45 - 49	148,534
Total	2,036,884

rephrase the
Question -
Explain ...
For Q4, set
answers & ques
regulate
marks