Answer three (03) questions only.　　　　　　　**Time: Two (02) Hours**
This paper contains five (05) questions and two (02) pages.

1. a) "Demography is an inter-disciplinary subject". Explain this statement citing examples.

   (08 Marks)

   b) Discuss the impact of the changes in demographic components on demographic elements with examples.

   (12 Marks)

2. Select any two sources of demographic data, explain the process of data collection and the data that could be obtained from each source.

   (20 Marks)

3. Using two suitable population theories examine the importance of population theories in population studies.

   (20 Marks)

4. a) Some measures on fertility and mortality for country "X" in the year 2017 are given below. Examine each of these measures.

   i) Total Fertility Rate (TFR) = 2.1
   ii) Crude Death Rate (CDR) = 6.5
   iii) Infant Mortality Rate (IMR) = 6.7
   iv) Crude Birth Rate (CBR) = 12.8

   (Marks 02x4 = 08)

   b) Compare the following measures

   i) Neo-natal Mortality Rate and Post Neo-natal Mortality Rate
   ii) Maternal Mortality Ratio and Maternal Mortality Rate
   iii) Crude Birth Rate and Age Specific Fertility Rates
   iv) Gross Migration Rate and Net Migration Rate

   (Marks 03x4 = 12)

4. Write short notes on any four concepts given below.

    a) Life Expectancy
    b) Fecundity
    c) Replacement Level of Fertility
    d) Lifetime migrants
    e) Refugees

(Marks 05x4 = 20)