

**B.Sc. 3<sup>rd</sup> Semester (Honours) Examination, 2020(CBCS)**

**Subject: Statistics**

**Course: CC-6**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*The notations or symbols have their usual meaning.*

**Time: 2 hours**

**Full Marks: 40**

**Demography and Vital Statistics**

Answer any **eight** from the following:

**8X5=40**

1. State the sources of the demographic data.
2. State and describe the balancing equation of population size.
3. Write a short note on STDR.
4. Define GRR and NRR. State the interpretation of NRR.
5. Write a short note on TFR.
6. What is the difference between population projection and forecasting?
7. Write a short note on the Logistic curve in respect of population forecasting.
8. Write a short note on Stationary population.
9. State and define the different components of the complete life table.
10. Describe Rhode's method for fitting of Logistic curve.