

### Teaching Plan: STA-RE-6026

**Name of the teacher:** Dr. Rijusmita Sarma, Dr. Pranjal Sarma, Dr. Jumi Kalita

**Session:** Jan--May

Syllabus	Period		Method (including experiential- E /participative learning-P)	Aids Used	Assessment method
Unit I, III PS	Jan	<i>Population Theory:</i> (Lectures: 10) Population Theories: Coverage and content errors in demographic data, use of balancing equations	<ul style="list-style-type: none"> <li>• Lecture,</li> <li>• Oral question- P</li> <li>• problem solving- E</li> </ul>	Blackboard/ Chalk	
	Feb	Population composition, dependency ratio.			
	Mar-Apr	<i>Life Table:</i> (Lectures: 18) Stationary and Stable population, Central Mortality Rates and Force of Mortality. Life (Mortality) Tables: Assumption, description.			
Unit IV RS	Jan	<i>Measurement of Fertility:</i> (Lectures: 17) Measurements of Fertility: Crude Birth Rate (CBR), General Fertility Rate (GFR), Specific Fertility Rate (SFR) and Total Fertility Rate (TFR).	<ul style="list-style-type: none"> <li>• Lecture,</li> <li>• Oral question- P</li> <li>• problem solving- E</li> </ul>	Blackboard/ Chalk/ICT	Class test, sessional, Oral quiz
	Feb	Measurement of Population Growth: Crude rates of natural increase, Pearl's Vital Index,			
	Mar-Apr	Gross Reproduction Rate (GRR) and Net Reproduction Rate (NRR).			
Unit II JK	Jan	<i>Measurement of Mortality:</i> (Lectures: 15) Introduction and sources of collecting data on vital statistics, errors in census and registration data.	<ul style="list-style-type: none"> <li>• Lecture,</li> <li>• Oral question- P</li> <li>• problem solving- E</li> </ul>	Blackboard/ Chalk	

	Feb	Measurement of population, rate and ratio of vital events.			
	Mar-Apr	Measurements of Mortality: Crude Death Rate (CDR), Specific Death Rate (SDR), Infant Mortality, Rate (IMR) and Standardized Death Rates.			