

**SRI VENKATESWARA UNIVERSITY**  
**B.A. POPULATION STUDIES**  
**FIRST YEAR - SECOND SEMESTER**  
**(Under CBCS W.E.F. 2020-21)**

**Course – 2: POPULATION CONCEPTS, MEASURE AND POPULATION GROWTH**

**Objectives:** to learn 1. Fertility 2. Factors influencing fertility 3. Mortality 4. Migration 5. Population Growth and survey of Population growth 6. Causes of Population Growth and Problems for Population Growth

**Unit – I: Fertility**

- a. Definition and Measurement: Child-Women Ratio, Crude Birth Rate, General Fertility Rate, Age specific fertility rate, Total Fertility Rate, Gross Reproduction Rate, Net Reproduction Rate,
- b. Factors influencing Fertility
  - i. Economic: occupation, income, female labor force participation
  - ii. Social and cultural: education, Social Stratification, Age at Marriage, Rural-urban residence, Experience of infant and child mortality
  - iii. Family welfare programmes and Population Education.

**Unit – II: Mortality**

- A. Definition and measurements: Crude death rate, Infant Mortality Rate, Age-Specific Mortality rate
- B. Mortality influencing Factor
  1. Economic: occupation, nutritional status
  2. Social and cultural: education, Social Stratification
  3. Health: Medical and Health innovations, Environmental sanitation, water Tetanus, Health Services, Personal Hygiene.
  4. Other Factors – War, Famine and other natural calamities.

**Unit – III: Migration**

- A. Definition: Internal migration; in-migration, out-migration, International Migration – Immigration, Emigration, Net migration
- B. Measurement: in-migration, out-migration and net-migration rates.
- C. Factors influencing migration: push and pull factors Demographic, Economic, Social, cultural and communication factors.

**Unit – IV: Population Growth and survey of Population growth**

- A. Definition and measures of population growth, Trends in population growth
- B. Population growth in India in 20<sup>th</sup> century
- C. Population growth in the States of India and a comparison with countries like Sri Lanka; South Korea, Japan and U S.A.

### **Unit V: Causes of Population Growth and Problems for Population Growth**

- A. Causes for Population Growth in India-Demographic factors, Socio-Economic factors, Cultural and Health factors
- B. Social problems of Population growth : Education, transport, communication, urbanization and housing
- C. Economic problems of population growth- employment, income, food, health

#### **Learning outcome:**

After completion of the paper, the student will learn about 1. Fertility 2. Mortality 3. Migration 4. Population Growth and survey of Population growth 5. Causes of Population Growth and Problems for Population Growth

#### **References:**

1. Misra. B.D. an introduction to the study of Population, Madras, South Asian Publishers Pvt. Ltd. 1980
2. Arthur Haupt and Thongs T. Kane, Population Hand Book, Wachington D.C. Population Reference Bureau 1980
3. Population Studies Centre, Issues in Population Studies, Tirupati, S.V. Universty, 1979.
4. Agarwala, S.N.: India's Population problems, McGraw Hit Pub. Co, Ltd., New Delhi, 1933.

**SRI VENKATESWARA UNIVERSITY – TIRUPATI**  
**B.A. POPULATION STUDIES**  
**FIRST YEAR - SECOND SEMESTER**  
**(Under CBCS W.E.F. 2020-21)**  
**Course - 2: POPULATION AND SOCIO –ECONOMIC DEVELOPMENT –**  
**PRACTICUM I**

**A. Dependency Ratio:** Young age dependency, Old age dependency, Overall dependency.

**B. Man Power:** Proportion of active population, Labour force participation Rate,  
Unemployment Rate.

**C. Literacy**

- i. Male literacy rate
- ii. Female literacy rate
- iii. Total literacy rate
- iv. Student enrolment rate at primary Education level
- v. Student enrolment rate at secondary Educational level
- vi. Student enrolment rate at higher Education level
- vii. Student – Teacher Ratio
- viii. School – Student Ratio

**SRI VENKATESWARA UNIVERSITY – TIRUPATI**  
**B.A. POPULATION STUDIES**  
**FIRST YEAR - SECOND SEMESTER**  
**(Under CBCS W.E.F. 2020-21)**

**Course - 2: POPULATION CONCEPTS AND MEASURE –II**

**MODEL QUESTION PAPER & PATTERN**

Time: 3 hours

marks: 75 marks

**PART – A**

**Answer any five of the following question. Each question carries 5 marks.**

**(5X5 = 25M)**

1. Net Reproduction Rate? Explain
2. How Age at Marriage influences fertility.
3. Explain Crude Death Rate.
4. Net Migration Rate? Explain
5. What is Emigration?
6. Influence of Economics factors in Migration.
7. Explain the Trends in population growth.
8. What are the Causes for Population Growth in India.

**PART – B**

**Answer All The Questions. Each question carries 10 marks (5X10 = 50M)**

9 (a). What is 'Fertility'? Explain the significance of 'Age-Specific fertility rate? And Total Fertility Rate?

Or

(b). Explain the economic and Socio-cultural factors affecting fertility?

10 (a). Explain different measures of mortality and draw the curve of age specific mortality?

Or

(b). How economic and socio-cultural factors influence mortality of a nation

11 (a). Describe the in-migration, out-migration and net-migration rates.

Or

(b). Explain the Migration? Describe the 'Pull' and 'Push' factors influencing migration?

12 (a). Write an essay on comparison of Population growth of India with USA

Or

(b). Explain the World Population Growth in 20<sup>th</sup> Century.

13 (a). Examine the Socio-Economic factors causing Population Growth in India?

Or

(b). Explain how Population growth affects Employment, Income and food in India.