PAPER II

CDASP2T POPULATION DYNAMICS AND STRUCTURE

MAX. MARKS: 100
EXTERNAL: 70
INTERNAL: 30
PASS: 40%
Credits: 6

Objectives: Population Dynamics and Structure is to provide learners with an in-depth understanding of the processes that shape population change and structure. The paper aims to familiarise students with demographic phenomena such as mortality, migration, urbanisation, and population composition, and their implications for social and economic development.

CO1: Explain the key demographic processes of mortality, migration, and urbanisation and their role in population change.

CO2: Analyse the interrelationship between fertility, mortality, and population growth.

CO3: Interpret population structure using indicators such as age-sex composition, dependency ratio, and population pyramids.

CO4: Assess the demographic implications of gender, youth, and ageing populations on social and economic development.

CO5: Apply demographic knowledge and analytical skills to population-based research, planning, and policy-making contexts.

Section A

Unit 1: Mortality and Health: Meaning and measurement of mortality, Determinants of mortality, Life expectancy and health indicators, Infant and maternal mortality, Epidemiological transition and public health.

Unit 2: Migration and Urbanisation: Meaning and types of migration, Causes and consequences of migration, Urbanisation and population distribution, Slums and urban challenges, Push–pull factors.

Unit 3: Fertility, Mortality and Population Change: Relationship between fertility and mortality, Population growth and demographic transition, Regional variations, Public health and healthcare factors, Policy implications.

Section B

Unit 4: Population Structure: Age and sex composition, Dependency ratio, Population pyramids, Ageing population, Youth population and employment.

Unit 5: Gender and Population Dynamics: Gender ratio and its social implications, Women's health and fertility, Gender, migration, and employment.

Unit 6: Demographic Analysis and Planning: Demographic data analysis, Population indicators and socio-economic planning, Case studies on population and development.

Books:

1. Bhende, A. & Kanitkar, T. *Principles of Population Studies*, Himalaya Publishing House, 2020.
2. Rowland, D. T. *Demographic Methods and Concepts*, Oxford University Press, 2003.
3. John, R. *Population Dynamics in India: Fertility, Mortality, and Migration*, Rawat Publications, 2018.
4. Poston, D. L. & Bouvier, L. F. *Population and Society: An Introduction to Demography*, Cambridge University Press, 2010.

Articles and Reports:

1. National Family Health Survey (NFHS-5), 2019–21, Ministry of Health and Family Welfare, India.
2. United Nations, *World Urbanization Prospects*, UN DESA, 2022.