

GUJARAT TECHNOLOGICAL UNIVERSITY

DEMOGRAPHY AND URBANIZATION

SUBJECT CODE: 1035505

B.PLAN 3RD SEMESTER

Prerequisite: NA

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks
L	Field work(T)	P	C	Theory Marks		Practical Marks		
				ESE(E)	PA (M)	PA (V)	PA(I)	
3	0	0	3	50	50	--	--	100

L- Lectures; T- Tutorial/Teacher Guided Student Activity/Field work; P- Practical; C- Credit; ESE- End Semester Examination; PA- Progressive Assessment.

Content:

Sr. No.	Content	Total Hrs	% Weightage
Unit 1	Study of Population Demographic variables: fertility, mortality, migration; evolution of population study, contribution of Malthus; mortality-trends, biological and social factors and mortalitygender, race, social structure, life style, social status, occupation etc; measures of mortality-crude and age-specific death rates; infant mortality, adjusted or standardized death rates; neonatal mortality rate; fertility-fertility trends, fertility and social and biological behavior; differential fertility, ethnic groups, socioeconomical group mobility, location etc.; measures of fertility, crude birth rate; Agespecific fertility rate; total fertility rate, net reproduction rate; migration-causes and consequences of population movement; reasons and types of migration trends; methods of measuring volumes of migration; direct and indirect measures; effect of migration of composition of population.	6	15%
Unit 2	Study of Demography Source of demographic data; Census of India and its role as a data warehouse; population structure and composition -age sex composition, sex ratio, dependency ratio, child-woman ratio; measures	12	25%

	of age-sex structure, age-sex pyramid, population composition; marital status, caste, region, literacy level, etc; life table techniques; techniques in preparing life table, abridged life table; population estimation, projection and population forecasting; basic cohorts survival model, inter regional cohorts survival model.		
Unit 3	Urbanization in India A brief history of urbanization in India; Mughal and British influences of India cities; post-independence urbanization; urbanization process as influenced by sociocultural, political, economic and administrative factors; definition of urban centers, concepts of rural-urban continuum and dichotomy; census definition of urban places town, cities, town groups, urban agglomeration, standard urban area metropolis, megalopolis, etc; functional classification of urban places.	9	15%
Unit 4	Settlement Systems and Role of Urban Area Settlement system, census classification of settlements, primate city, rank-size rule, central place concept, concepts of complementary area, central goods and services, range, threshold, etc; city-region relationship; structure of city regions, area of influence, dominance; rural-urban fringes; its structure, stages of growth, its role in urban growth; urbanization, industrialization and urban development; push and pull factors; migration trends and impacts on urban and rural development	12	25%
Unit 5	Policies and Strategies for Directing Urbanization Trends in India Over view of world urbanization, National Urbanization policy, basic issues in urbanization policy; role of national and state level policies; five year plans, latest attempts at urbanization policy formulation in the country; salient features of the report of the National Commission on Urbanization	9	20%

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks				
R Level	U Level	A Level	N Level	E Level
20	40	20	10	10

Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
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1.	Sivaramakrishnan, K.C., Kundu, A., and Singh, B.N.	Handbook of Urbanization in India	2005	Oxford University Press, New Delhi.
2.	Kundu, A.	Trends and Processes of Urbanization in India	2011	IIED and UNFPA, London.
3.	Ramachandran, R.	Urbanization and Urban Systems in India		Oxford University Press, New Delhi.
4.	Misra, R.P.	Urbanization in India: Challenges and Opportunities	1998	ICSSR, Shillong

Course Outcome:

List of Exercises / Practicals:

- 1 To visit Census of India Office and submit Report.
To extract required data from latest Census of India publications

List of Assignments/Tests:

- 1 Test on Unit 1,2 and Unit 3
- 2 Assignment on National Urbanization Policy OR on Report of National Commission on Urbanization.

List of Open Source Software/learning website:

<http://www.censusindia.gov.in>

ACTIVE LEARNING ASSIGNMENTS: Preparation of power-point slides, which include videos, animations, pictures, graphics for better understanding theory and practical work – The faculty will allocate chapters/ parts of chapters to groups of students so that the entire syllabus to be covered. The power-point slides should be put up on the web-site of the College/ Institute, along with the names of the students of the group, the name of the faculty, Department and College on the first slide. The best three works should submit to GTU.