

Post Code-2: Deputy Director (Planning) & Post Code-3: Assistant Director (Planning)

Parts	Syllabus
<p>Part-1: Basic concepts of urban planning and Architecture, Planning Legislation and GIS</p>	<p>Section 1: Architecture Elements, construction, architectural styles and examples of different periods of Indian and Western History of Architecture; Oriental, Vernacular and Traditional architecture; Architectural developments since Industrial Revolution; Influence of modern art on architecture; Art nouveau, Eclecticism, International styles, Post Modernism, Deconstruction in architecture; Recent trends in Contemporary Architecture; Works of renowned national and international architects.</p>
	<p>Section 2: Environmental Planning and Design Ecosystem- natural and man-made ecosystems; Ecological principles Concepts of Environmental Impact Analysis; Environmental considerations in planning and design; database for incorporation of environmental concerns in planning analysis, land suitability analysis, thermal comfort, ventilation and air movement; Principles of lighting and illumination; Climate responsive design; Solar architecture; Principles of architectural acoustics; Green Building Concepts and Rating; ECBC; Building Performance Simulation and Evaluation; Environmental pollution- types, cause, controls and abatement strategies.</p>
	<p>Section 3: Urban Planning and Housing Urban Planning and Housing Planning process; Types of plans - Master Plan, City Development Plan, Structure Plan, Zonal Plan, Action Area Plan, Town Planning Scheme, Regional Plan; Salient concepts, theories and principles of urban planning; Sustainable urban development; Emerging concepts of cities - Eco-City, Smart City, Transit Oriented Development (TOD), SEZ, SRZ NIMZ, Corridor planning prevailing at national level i.e. WDFC, EDFC etc. Housing; Concepts, principles and examples of neighborhood; Housing typologies; Slums; Affordable Housing; Housing for special areas and needs; Residential densities; Standards for housing and community facilities; National Housing Policies, Programs and Schemes.</p>
	<p>Section 4: Planning Techniques and Management Tools and techniques of Surveys – Physical, Topographical, Land use and Socioeconomic Surveys; Methods of non-spatial and spatial data analysis; Graphic presentation of spatial data; Application of G.I.S and Remote Sensing techniques in urban and regional planning; Decision support system and Land Information System. Urban Economics; Law of demand and supply of land and its use in planning; Social, Economical and environmental cost benefit analysis; Techniques of financial appraisal; Management of Infrastructure Projects; Development guidelines such as URDPFI.</p>
	<p>Section 5: Services, Infrastructure and Transportation Urban infrastructure- Transportation, Water Supply, Sewerage, Drainage,</p>

	<p>Solid Waste Management, Electricity and Communications, Process and Principles of Transportation Planning and Traffic Engineering; Road capacity; Traffic survey method; Traffic flow characteristics; Traffic analyses and design considerations; Travel demand forecasting; Land use transportation – urban form inter-relationships; Design of roads, intersections/ grade separates and parking areas, Hierarchy of roads and level of service; Traffic and transport management and control in urban areas; Mass transportation planning; Para-transits and other modes of transportations Pedestrian and slow moving traffic planning; Intelligent Transportation Systems.</p>
	<p>Section 6: Planning Legislation and GIS Planning legislation will include acts and legislation related to development management and maintenance of Delhi and other towns of NCR, municipal corporation and local bodies, Land Acquisition Act, PPP etc. Local self-Governance.</p>
<p>Part-1</p>	<p>(ii) Planning issues related to Delhi, NCR & initiatives of other metropolitan cities in India will include major problems and policy practices and innovative methodology and best practices. (iii) Delhi Development Act, (DD Act), 1957 will include all sections and provisions of the act. (iv) Master plan of Delhi 1962-2021 will include provisions, strategies and master plan proposals as per documents published from time to time. (v) Unified building byelaws, 2016 will include all sections and chapters of building byelaws as approved and notified by Government of India from time to time.</p>
<p>Part-2: To measure candidate's reasoning ability, quantitative aptitude and proficiency in English and General Awareness</p>	<p>a) Test of Reasoning b) Test of Quantitative Aptitude c) Test of General Awareness and d) Test of English Language</p>