

## Annexure-I

### Syllabus for Recruitment of Assistant Town Planner

#### **Module I : Planning Theory and Techniques :** (15 questions)

Land Use Planning, Types of Planning, Principles of Regional Planning, Regional Planning in India, Spatial Standards, Techniques of Preparing Base Maps. Physical Surveys, Plan Preparation Techniques, Advanced techniques of aerial photography, photogrammetry, photo interpretation, remote sensing, GIS etc.

#### **Module II : Urban Sociology and Economics of Planning :** (15 questions)

Basic Concept of Society, Urban and Industrial Sociology, Neighbourhood Concept, Urban and Regional Economic principles, Macro-economic concepts, economies of scale.

#### **Module III : Environmental Planning :** (15 questions)

Environment and Development, Environmental Risks, Urban eco-system approach, evolution and significance, Environmental Impact Assessment, Contemporary approaches/concepts e.g., Sustainable Planning, Eco Cities, Compact Cities.

#### **Module IV : Urban Infrastructure Planning :** (15 questions)

Concepts and theories of design and operation & maintenance (O&M) of urban services and network systems – water supply, sewage disposal, drainage, solid waste management, electricity, telecom etc., Operational planning for emergency evacuation in urban areas, Cost recovery of urban service system and networks.

#### **Module V : Housing and Community Planning :** (15 questions)

Housing Standards, Policies & Programmes, Emerging Issues and Priorities in Urban Housing, Planning and Design of Housing Areas, Housing and Finance Policies.

**Module VI : Project Formulation and Implementation :** (15 questions)

Methodology of Project Identification, Formulation of Feasibility Reports and Detailed Project Reports, Project Appraisal (Technical Appraisal, Financial Appraisal, Economic Appraisal, Social Appraisal, Commercial Aspects of Appraisal, Environmental Appraisal, Institutional Appraisal, Risk and Uncertainty), Methods of Financing, Project Evaluation & Monitoring.

**Module VII : Planning Legislation and Legal Framework :** (10 questions)

Fundamentals of Law, Indian Constitution, Evolution of Planning Legislation, Significance of Land Development Control, Implication of 73<sup>rd</sup> and 74<sup>th</sup> Constitutional Amendment, Environmental Protection Act, Land Acquisition Act, Model Town Planning Legislation (Building bye-laws), Regional Planning Legislation, Town and Country Planning Act, Urban Planning and Development Authorities Act, Municipal Act/ Rules, The Real Estate (Regulation & Development) Act, Apartment Ownership Act etc., Concept of Arbitration.

**Module VIII : Traffic and Transportation Planning :** (10 questions)

Urbanization and Transport problems, Urban and Regional Road Designs, Surveys and Analytical Techniques, Geometric Design of Roads and Intersections, Land use & Transportation Relationships, Traffic Management, Planning and Management of Transport System, Regional Transport Systems, Transport and Environment, Economic Evaluation and Transport Policies.

**Module IX : Urban Heritage and Conservation :** (10 questions)

Interface of Urban Heritage with Regional Planning, Heritage Conservation, Heritage Tourism.

**Module X : Planning for Disaster Risk Mitigation and Management :** (10 questions)

Risk-Sensitive Land Use Planning, Disaster Risk Assessment & Mitigation, Disaster Safe Construction Practices, Building Codes and Guidelines/Policies, Community Based Disaster Preparedness, Disaster Education and Awareness, Post-Disaster Management.

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**Module XI : Planning and Management of Informal Sector : (10 questions)**

Urban Poverty, Alternative Approaches for Delivery of Basic Services to the Urban Poor, Migratory Impulses and Impact on Informal Sector, Consequences of Spontaneous Growth.

**Module XII : Urban Governance :** (10 questions)

Overview of Urban Governance, Urban Local Governance, Participatory Process in Urban Governance.

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