

University of Mysore

Syllabus for Admission to

M. Tech in Urban and Regional Planning

(CBCS – Semester Scheme) Course -Entrance Examination 2017-18

2017-18

]

SCHOOL OF PLANNING AND ARCHITECTURE,
MANASAGANGOTHRI,
MYSORE 570 006

Note: The entrance for Admission to M. Tech in Urban and Regional Planning is designed specifically test the abilities of communication, quantitative aspects, reasoning and general knowledge in the field of Urban and Regional Planning. The entrance test is intended to assess the learning aptitude and abilities/capabilities of the candidate. The tasks involving memory, reasoning, definition, numerical ability and recalling facts and figures. They are expected to have cognitive abilities like comprehension, analysis, evaluation, deductive and inductive reasoning. Understanding the structure of arguments, ability to understand analogical arguments and logical relevance. Tests include idea, symbols of words that can be recognized by the candidates.

The University intends to select candidates on the basis of the performance test specifically designed to assess the merit. For this purpose, the scholastic test consists of multiple choice questions (for 50 marks)

SYLLABUS FOR ENTRANCE EXAMINATION FOR M. TECH IN URBAN AND REGIONAL PLANNING

Concepts and Definition of Urban and Rural Areas, classification of Towns, consequences of Urban Growth and impact on human settlements. Basics of urban and regional planning.

Evolution of human settlements, Ancient Indian Civilization and Indus Valley Civilization

Society, characteristics of society, caste society v/s community, importance of community participation.

Demography, Population and its growth in urban and rural areas, density, composition and its dynamics, Indian Geographical and Administrative Divisions

Basic concepts of economics related to urban and regional planning, Demand and Supply-growth and development –per capita income, GNP and GDP.

Ideas of planning system in India at National Level (Planning Commission), State and other levels; Information Technology and its use in planning an implementation.

Basics of Constitution of India, Fundamental Rights and Duties, 74th and 73rd Constitutional Amendments, Urban Local Bodies and Panchayat Raj Institutions, Roads in India,

Basics of Housing and its Problems in India, agencies for dealing housing issues, affordable housing and housing technologies, Fundamentals of building construction and materials.

Importance of water Supply and sanitization in urban areas – sources, treatment and distribution, including rain water harvesting. Basics of sewerage system, traffic and transportation planning basics, classification and hierarchy of roads both in urban and rural areas.

Town and Country Planning Relations: Effect of urban growth and regional development, Industrial Development and its effect on urban area and country side, Need for importance of Urban Planning in India including building bye laws, zoning regulations.

References

1. Town Planning by S.C Rangawala, Charotar Publishing House Pvt. Limited,
2. Census of India Publications 2001, 2011. Pl. check the details from web site
3. Books on General Knowledge, News Papers, Encyclopedia and Basic Books on Sociology, Economics, Geography and Constitution of India, Civil Engineering and Architecture
4. Please see the websites of Ministry of Urban Development Government of India, Institute of Town Planners, India(ITPI), Planning Commission, Rural Development, Department of Town Planning, Government of Karnataka, Municipal Administration, KUIDFC etc