



SARVAJANIK UNIVERSITY

W-2025 Date: 22-12-25 Time: 09:30 AM to 11:30 AM
Regular / Backlog Exam

M.Plan (Urban & Regional Planning) / M.Arch (Urban Design) - SEMESTER– I EXAMINATION

Course Code: MFGN12103

Total Marks: 25

Course Name: Infrastructure Planning

Instructions:

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**
- 4. Draw neat and labeled figures wherever necessary.**

- Q.1 Do as Directed (Compulsory) 5 Marks**
- 1 Urbanization is a fast growing, complex, irreversible and unavoidable phenomenon of present time.- True or False
 - 2 _____ encompasses broader systems including transport and infrastructure networks.
 - 3 _____ refers to Buildings, roads, and other urban constructions.
 - 4 Give any two characteristics of Infrastructure.
 - 5 Give full form of JNNURM
- Q.2 Short Notes (Attempt Any Two) 10 Marks**
- 1 What are the activities involved for management of solid waste from the point of generation to final disposal?
 - 2 Explain the process of sea water desalination plant.
 - 3 Enlist/Explain the options for the MRT (Mass Rapid Transit) in cities with their suitability.
- Q.3 Answer in Brief (Attempt Any Two) 10 Marks**
- 1 Enlist National Level Renewable & Sustainable Energy Projects and Describe any Three Projects in Detail.
 - 2 Write Short Note on PPP Model of Developing Infrastructure.
 - 3 Give your comments on “Infrastructure Projects and its key impacts”