

**POST GRADUATE DIPLOMA IN URBAN
GOVERNANCE (PGDUG)**

00032

Term-End Examination

June, 2014

**MPA-027 : URBAN TRANSPORTATION PLANNING
AND ADMINISTRATION**

Time : 2 hours

Maximum Marks : 50

Note : Answer any **five** questions in about 400 words each, selecting at least two questions from each section. All questions carry equal marks.

SECTION I

1. Explain the basic principles of urban transportation planning. 10
2. Highlight the urbanization pattern and current transportation scenario prevailing in Indian cities. 10
3. Write a note on the urban transport institutions in Indian cities. 10
4. Discuss the technologies for mass rapid transit. 10
5. Write short notes on the following in about 200 words each :
 - (a) Para Transit/Intermediate public transport 5
 - (b) Remedial measures for Safe and Eco-Friendly Transport Environment 5

SECTION II

6. "Traffic assessment can be done by using various models." Elaborate. 10
 7. Describe the applications of Geographic Information Systems (GIS) in Transportation Planning. 10
 8. Highlight the role of transport agencies in India. 10
 9. Discuss the types of parking surveys. 10
 10. Write short notes on the following in about 200 words each :
 - (a) Grade Separated Intersections 5
 - (b) Innovative approaches in traffic management 5
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