

**POST GRADUATE DIPLOMA IN URBAN
GOVERNANCE**

Term-End Examination

December, 2013

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

Time : 2 hours

Maximum Marks : 50

Note : Answer any five questions, in about 400 words each, selecting atleast two questions out of each section. All questions carry equal marks.

SECTION - I

1. Highlight the characteristics of urban transportation system and their impacts. 10
2. Discuss the rail based transport systems. 10
3. Examine the environmental effects of transportation systems. 10
4. Write a note on Delhi Metro Rail Corporation. 10
5. Write short notes on the following in about 200 words each.
 - (a) Singapore Land Transport Authority. 5
 - (b) Economic Efficiency and Markets 5

SECTION - II

6. Describe briefly the classification of roads in India. 10
 7. Discuss the important travel demand Models. 10
 8. Highlight the applications of Geographic Information Systems (GIS) in urban planning. 10
 9. Write a note on traffic signal design. 10
 10. Write short notes on the following in about 200 words each :
 - (a) Unified Metropolitan Traffic Authority 5
 - (b) Parking Planning. 5
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