

**POST GRADUATE DIPLOMA IN URBAN  
GOVERNANCE**

**Term-End Examination**

**June, 2013**

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

*Time : 2 hours*

*Maximum Marks : 50*

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

**SECTION - I**

1. The pattern of urbanization in India has many distinguishing characteristics ? Discuss. 10
2. Write a note on Urban Transport Institutions in Indian cities. 10
3. Highlight the important remedial measures for safe and eco-friendly transport environment. 10
4. Explain the concept and objectives of Mass Rapid Transportation (MRT) in metropolitan cities. 10
5. Write short notes on the following in about 200 words each :
  - (a) Non-motorised Transport 5
  - (b) Classification system of urban high ways in India. 5

## SECTION - II

6. Write a note on Travel Demand Modelling. 10
  7. Highlight the developments in Geographic Information System (GIS) in urban transportation. 10
  8. Discuss the important traffic management measures. 10
  9. Describe important policy measures to be taken towards improving urban transportation in India. 10
  10. Write short notes on the following in about 200 words each :
    - (a) Two phase and four phase traffic signals. 5
    - (b) Design standards for on-street parking facilities. 5
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