

**POST GRADUATE DIPLOMA IN URBAN
GOVERNAMENT**

Term-End Examination

December, 2012

**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 out of each section. All questions carry equal marks.

SECTION - I

1. Explain the concept and framework of urban transportation planning. **10**
2. Write a note on Bus Rapid Transit System (BRTS) in Indian cities. **10**
3. Discuss the methodology of preparing Environmental Impact Assessment (EIA). **10**
4. Describe the important technologies for Mass Rapid Transit (MRT) system adopted by various cities. **10**
5. Write short notes on the following in about 200 words each :
 - (a) Urbanization pattern in India. **5**
 - (b) Economic role of transportation. **5**

SECTION - II

6. Highlight the application of Geographic Information System (GIS) in urban planning. 10
 7. Describe the functions and responsibilities of Transport Agencies in India. 10
 8. With the advancement of technology, innovative approaches are being adopted in traffic management ? Discuss. 10
 9. Explain the different types of parking surveys. 10
 10. Write short notes on the following in about 200 words each :
 - (a) Different types of traffic signals. 5
 - (b) Design standards for On-Street Parking Facilities. 5
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