

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

Term-End Examination

June, 2015

00228

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

Time : 2 hours

Maximum Marks : 50

*Note : Attempt 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. Define urban transportation planning and discuss the institutional foundation of urban transportation system. 10
2. Write a note on Bus Rapid Transit System (BRTS) in Indian cities. 10
3. Discuss the role and responsibilities of Unified Metropolitan Transport Authorities (UMTA). 10
4. Describe the remedial measures for safe and eco-friendly transport environment. 10

5. Write short notes on each of the following in about 200 words :

- (a) Urbanization Pattern in India** **5**
- (b) Economic Role of Transportation** **5**

SECTION II

6. Write a note on various technologies which can be adopted in Mass Rapid Transit (MRT) System. 10
 7. Discuss in detail the various parameters for classification of roads in India. 10
 8. Explain the various approaches in Traffic Management. 10
 9. Discuss the need and types of Traffic Signs. 10
 10. Write short notes on each of the following in about 200 words :
 - (a) Traffic Characteristics 5
 - (b) Remote Sensing Platforms in Transportation Planning 5
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