

**DIPLOMA IN SMART CITY
DEVELOPMENT AND
MANAGEMENT/CERTIFICATE IN
SMART CITY DEVELOPMENT AND
MANAGEMENT (DSCDM/CSCDM)
Term-End Examination**

June, 2024

**MIO-001 : INTRODUCTION TO SMART REGIONS :
SMART CITIES AND SMART VILLAGES**

Time : 3 Hours

Maximum Marks : 70

Note : *Answer any **seven** questions. All questions carry equal marks.*

1. (a) Describe the history of towns in the world giving suitable examples.
- (b) Discuss the history of towns in India giving suitable examples. 5+5
2. (a) What do you understand by smart city ? Describe the different layers of smart city.
- (b) How are smart city governance and management done ? Explain. 5+5

3. What do you understand by smart water management ? Explain the advantages of smart water management system. 10
4. What is intelligent transportation system ? Explain the advantages of intelligent transportation system in a smart city. 10
5. What is the main aim of planning for rural areas ? Why is it important to plan at the block and district level ? 10
6. What is Smart Energy Management System ? what are the various benefits of Smart Energy Management System ? 10
7. Define Government. What is its importance in smart city differentiate between E-governance and Smart Governance. 10
8. What is mission monitoring of smart cities ? List out its levels. Discuss any one level monitoring in detail. 10
9. Explain the thrust areas of Atal Mission for rejuvenation and urban transformations ? 10
10. (a) What is the economic and social importance of clean water ?
(b) What are the negative impacts of pollutants in waste water ? 5+5