

**DIPLOMA IN SMART CITY DEVELOPMENT
AND MANAGEMENT (DSCDM)**

Term-End Examination

December, 2022

**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. What is Smart City ? Explain the different layers of a smart city. 10
2. Define energy efficiency. What is an energy efficient city ? Describe the various types of energy efficiency frameworks in India. 10
3. What do you understand by Smart Infrastructure ? What are the benefits of Smart Infrastructure ? 10
4. What is Intelligent Transportation System ? Explain the advantages of Intelligent Transportation System in a Smart City. 10

5. What is 5G-Powered Smart City ? What are the advantages of 5G in a Smart City ? 10
6. What are the main problems with respect to water supply in rural areas ? Explain the National Rural Drinking Water Programme. 10
7. (a) What are the main characteristics of rural society in India ?
- (b) What role do women perform in rural society ? 5+5=10
8. Define Governance. What is its importance in Smart City ? Differentiate between E-Governance and Smart Governance. 10
9. What is the concept of Digital India ? What are three core components of Digital India ? 10
10. Write short notes on any **two** of the following : $5+5=10$
- (a) Drone Policy
- (b) National Cyber Security Policy–2013
- (c) The IT Act
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