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MIO-001

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

Term-End Examination

June, 2023

**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. Discuss the history of towns in India with the help of suitable examples. 10
2. Define Corporate Social Responsibility. Explain the implications of CSR in India. 10
3. Define climate. What is climate change ? What are the different causes of climate change ? Explain. 10

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4. What is Survey ? Why we do a survey ? What are the different types of surveys ? Explain. 10
5. Describe the various applications of the IOT in Transport Management System. 10
6. What is Smart Energy Management System ? What are the various benefits of smart energy management system ? 10
7. Define rural development. What are the different components of rural development ? 10
8. What is District Planning Committee (DPC) ? What is the role of DPC in district plan preparation ? 10
9. Explain the role of the following in developing the smart city framework : 10
 - (i) Government
 - (ii) Private sector
 - (iii) Academic sector
 - (iv) NGO's
10. Name few challenges in water management. What are the advantages of waste water management ? 10

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