Roll No: | | | | | | | | | | | |

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI
Bengaluru

Mid Term Examinations - October 2026

Date: 07/10/2026 **Time:** 11:45 AM - 01:15 PM

Course Code: CIV2006 **Course Name:** Infrastructure Systems for Smart Cities

Semester: Seventh Semester **Max. Marks:** 50 **Weightage:** 50%

CO - Levels	CO1	CO2	CO3
Marks	6	52	32

PART A: Answer Following Questions. 10 M

Q.N.	Questions	M	CO	BT
1	State the objectives of Smart Cities Mission of GoI.	2	CO1	BT1
2	Write the three layers of smart city development.	2	CO1	BT1
3	Define digital city and U- City.	2	CO1	BT1
4	What is Special Purpose Vehicle in Smart City?	2	CO2	BT1
5	What is meant by Urban Consultation process in smart city?	2	CO3	BT1

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Explain in detail the building blocks of digitalization of smart city.	10	CO2	BT2
7	Explain the benefits of smart city for citizens. Also dicuss the challanges of smart city development.	10	CO2	BT2

PART C: Answer Any 1 Following Questions. 15 M

Q.N.	Questions	M	CO	BT
8	Discuss the strategies of Area-Based Development (ABD) in the Smart Cities Mission, including retrofitting, redevelopment, and greenfield development.	15	CO2	BT2
9	a) Explain the role of special purpose vehicle in smart city development. (10M) b) Steps Involved in Preparing an SCP. (5M)	15	CO2	BT2

PARTD: Answer Any 1 Following Questions. 15 M

Q.N.	Questions	M	CO	BT
10	Explain the urban consultation process can be implemented to address citizen needs in smart city planning and elaborate the methods of engagement in urban consultation process.	15	CO3	BT2
11	Explain in details the factors governing the Inclusiveness in Cities.	15	CO3	BT2