

TE sem VI civil (UIP) R19 c-scheme

26.05.2025

3Hours

80 Marks

- N.B.: (1) Q. No. 1 is compulsory
(2) Answer any THREE questions from the remaining questions.
(3) Figures to the right indicate full marks.
(4) Illustrate answers with neat sketches where ever required.

1. Write short note on. (Any Four) 5 marks each 20
- (a) Affordable housing and its role in economic development
 - (b) Zoning principals in urban planning
 - (c) Roles of MCGM and CIDCO in governance
 - (d) Urban road hierarchy
 - (e) Urban aesthetics and landscaping
 - (f) Role of metro rail in urban transport management
2. (a) Explain the legislative framework of MRTTP and Land Acquisition Acts in infrastructure planning. 10
- (b) Describe the use of GIS and remote sensing in urban governance and management. 10
3. (a) Discuss the infrastructure requirements and standards for water supply in urban areas. 10
- (b) What are the key factors influencing industrial location in an urban region? 10
4. (a) Define the concept of Disaster Vulnerability Analysis and its application in urban areas. 10
- (b) Describe the different types of urban transportation systems and their design criteria. 10
5. (a) Discuss the contribution of the housing sector to GDP and employment generation 10
- (b) Explain how ITS and transport databases can improve urban mobility planning. 10
6. (a) What are urban reforms? Discuss the tools and techniques used in urban development management. 10
- (b) Explain the environmental consequences of uncontrolled urban expansion 10

Q.P code

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P209 code
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