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**GIET UNIVERSITY, GUNUPUR – 765022**  
**M. Tech (Second Semester Examinations) – October' 2021**  
**MPECT2052 – INFRASTRUCTURE PLANNING**  
 (Construction Technology and Management)

Time: 2 hrs

Maximum: 50 Marks

(The figures in the right hand margin indicate marks)

**PART – A**Q.1. Answer **ALL** questions

(2 x 10 = 20)

- What is meant by infrastructure crisis?
- Describe about JNNURM.
- Define the term Project life cycle.
- What is meant by Infrastructure privatization?
- What are the issues to be considered for success of PPPs?
- Define the term Performance Security.
- What is meant by Project risks and Financial risks?
- What are the defects in construction?
- What do you understand by Environmental Impact Assessment(EIA)? Give two salient features of EIA.
- Write short notes on Destabilization of Slopes.

**PART – B****(6 x 5 = 30 Marks)**Answer **ANY FIVE** questions

Marks

- What is Infrastructure planning? Classify various types of Infrastructure and the role of infrastructure. (6)
- Explain about special economic zones in India. (6)
- Discuss about the Overall Verdict on Privatization. (6)
- Illustrate briefly about a historical overview of infrastructure privatization. State the benefits of Infrastructure Privatization? (6)
- Elaborate briefly about the Mapping and facing the Landscape of risks in infrastructure projects. (6)
- Write short notes on risks and mitigation of the Pricing of Services and revenue support. (6)
- Write short notes on: (6)
  - The Environment Protection Act
  - The Public Liability Insurance Act

--- End of Paper ---