

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (CE) (2011 Onwards E-I & II) (Sem.-7,8)

INFRASTRUCTURE DEVELOPMENT & MANAGEMENT

Subject Code : BTCE-821

Paper ID : [A2975]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

1. Write briefly :

- a) State implications of infrastructure development.
- b) Explain the recent policy changes in telecom sector.
- c) Define direct tolling.
- d) List the construction components in Irrigation.
- e) What do you mean by BOT and PPP?
- f) What is rainfall data management?
- g) How the load can be calculated for the power project?
- h) Public transport sector is on rise, elaborate the statement.
- i) How one can monitor the water level for small dams?
- j) Just elaborate MRTS and LRT.

SECTION-B

2. Discuss the current issues of infrastructure in India.
3. Give a bird's eye view of Indian telecom sector.
4. Examine the patterns of transport infrastructure in India.
5. What is PPP? Why it is needed in various projects in countries like India?
6. What are the constraints involved in the adoption of multimodal transport model?

SECTION-C

7. Describe MRTS in detail.
8. How the toll rates are reviewed and structured to suit the traffic demand?
9. Explain ATC and its various aids in detail.