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

Subject Code: BTCE-821 M.Code: 71880

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

- 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) Explain Project appraisal.
- b) Describe source of Financing.
- c) Short Note: Regulatory Framework.
- d) On what basis the toll rates are reviewed.
- e) Write the requisites of military airports.
- f) Define watershed management.
- g) Write the important facts for legal framework for regulating privatization in power and telecom.
- h) What do you mean by ATC?
- i) Explain the different types of DAMs.
- j) How the rainfall data is collected.



SECTION-B

- 2. Enlist the type of Project Organization and explain **any one** in detail.
- 3. What is work schedule? What are the purposes and objective of preparing work schedule?
- 4. Explain the various steps to be followed for successful completion of large scale construction project.
- 5. Explain in detail various phases of infrastructure project planning.
- 6. Discuss case study of any typical infrastructure project giving technical and planning details

SECTION-C

- 7. What is the impact of infrastructure development on economic development, standard of living and environment? Write and explain the different reasons for the rise of private sector.
- 8. Explain the different government policies on Infrastructure like transportations and power.
- 9. What you mean by catchment area? Explain briefly the rainfall data management. How the rainfall predicts? Explain different points.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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