

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (CE) (2012 to 2017) (Sem.-7)
INFRASTRUCTURE DEVELOPMENT & MANAGEMENT
Subject Code : BTCE-821
M.Code : 71880

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS 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

Write briefly :

1. Explain in detail aims and objectives of project management.
2. Define Infrastructure. Explain type of Infrastructure.
3. Enlist the type of Project Organization and explain any one in detail.
4. Write note on "Initial project costs and cost varying factors".
5. Explain in brief Risk for construction Project.
6. What is the difference between Security Deposit and Earnest Money Deposit?
7. Explain Tendering Process.
8. Explain Revocation of Tender.
9. Explain Critical Path method (CPM).
10. Give Overview of infrastructure development history in India.

SECTION-B

11. Explain silt excluding device with a neat sketch and explain its components.
12. Explain with sketches the causes of failure of earthen dams and their preventive measures.
13. What is super passage? Explain with a neat sketch.
14. What do you mean by thermal power and nuclear power? By giving a overview explain the advantages and disadvantages of both in infrastructure development.
15. What is the current power scenario in India? Explain different strategies of power generation and factors affected power generation.

SECTION-C

16. Explain the Toll collection strategy in India? Explain the rules while managing the toll system. Differentiate between shadow tolling and Direct tolling.
17. Write a note on MRTS, LRT and Multi model transport system.
18. Giving a historical review of the government policies on the highways infrastructure and explain the different 20 year plan for the development of highways in India.

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.