

Roll No.

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Total No. of Pages : 01

Total No. of Questions : 08

M.Tech (Civil Engg.) (2021 Onwards EL-IV) (Sem.-3)
CONSTRUCTION AND MAINTENANCE MANAGEMENT
Subject Code : MTCE-219
M.Code : 74768

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTION TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
 2. Each question carries TWENTY marks.
 3. Assume any data suitably.
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1. a. What are the control Cooling Systems and Ducting Systems?
b. What are the different mechanical means of of Air Conditioning?
 2. Draw the plan and cross-section of a Septic Tank for five persons with dimensions.
 3. a. Explain the principles of Thermal Insulation.
b. How does lighting system affect the Building Finishing?
 4. What is Planning? Why it is required? Explain the Social and economical Parameters for Regional Planning.
 5. a. Describe different types of Pipes used for Drainage giving suitability of each.
b. Discuss the conduit system of Domestic Wiring.
 6. Explain the procedure of planning Electric Lighting System for a Theatre.
 7. What are the general principles of Transmission and Passage of Sound Reverberation?
 8. Write short notes on the following :
 - a. Rain Water Disposal System.
 - b. Zoning Plans.
 - c. Accoustical Design.
 - d. Evaporation Cooling

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.