

Roll No.

Total No. of Pages : 01

Total No. of Questions : 08

M.Tech (Civil Engg EL-IV) (2016 Batch) (Sem.-3)
CONSTRUCTION AND MAINTENANCE MANAGEMENT
Subject Code : MTCE-219
Paper ID : [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.

1. Discuss the Typical Arrangement for Layout of Ducts for the Auditorium for Air conditioning and also discuss the advantages of Natural Ventilation.
2. What do you mean by Thermal Conductivity and Thermal Insulation? Briefly explain the Thermal insulation for Air Conditioned interior spaces.
3. What do you mean by Noise Reduction Coefficient? What is its significance?
4. Design the Landscaping for the Law University in the city. Show your details with reference to landscaping and expenditure. Assume the data to Work out the Details.
5. Discuss the Conservation philosophical background in defining the concepts of historic landscapes in Florence charter.
6. Which are the sites that can come under the category of disturbed landscapes? How as a sensitive landscape architect you would deal with disturbed landscapes? Explain with examples.
7. With a suitable Diagram, explain working of electronic ballast used for HID lamp and also write a short note on physical protection of lighting fixtures.
8. Draw a circuit Diagram of fluorescent tube operating on single phase AC supply. State advantages of gas discharge lamps over incandescent lamps.