

Roll No.

Total No. of Pages : 01

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M.Tech. (Civil Engg.) (Sem.-3)

CONSTRUCTION AND MAINTENANCE MANAGEMENT

Subject Code : MTCE-219

M.Code : 74768

Date of Examination : 16-12-22

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.

1. Explain in detail calculation methods for sanitation, water supply and electric wiring services.
2. Discuss the importance of natural ventilation in buildings and also discuss modern systems of air conditioning.
3. Explain general principles of transmission and passage of sound reverberation, adsorption and reflection.
4. Discuss the behaviour of various building materials in thermal insulation and also in thermal conductivity of these material.
5. Discuss the role of building byelaws in a city and also local byelaws.
6. Explain the roles of physical, social and economical parameters in regional planning.
7. What are the effects of forces of man and nature on shaping of landscape? Explain in detail.
8. Explain various principles of good acoustic design and also discuss about various acoustic materials.

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.