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Total No. of Pages : 01

Total No. of Questions : 08

M.Tech.(SE) (Elective-IV) (Sem.-3)
CONSTRUCTION AND MAINTENANCE MANAGEMENT
Subject Code : CE-518
Paper ID : [E0851]

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. (a) What is Rain Water harvesting? Discuss its importance. (12)
(b) "LED is now a days preferred over CFLS". Justify your answer. (8)
2. Discuss in detail about Mechanical means of Air conditioning. (20)
3. (a) Discuss in brief about principles of good acoustic design. (10)
(b) Give any **three** examples of porous sound Absorbent Materials. Discuss in detail about any one material. (10)
4. (a) What factors are required to be taken into account for determination of cooling load (air conditioning)? (12)
(b) Define thermal conductivity. What is its importance? (8)
5. (a) What are the main characteristics of Delivery hose? (8)
(b) Explain various types of Fire Extinguishers. (12)
6. (a) What do you mean by Façade control? Discuss importance of Façade control. (10)
(b) What are Local Byelaws? Discuss. (10)
7. Discuss with examples about Economic Parameters for Regional Planning. (20)
8. Write short notes on :
(a) Forces of nature (10)
(b) Site Analysis with reference to Landscaping. (10)