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Total No. of Pages : 01

Total No. of Questions : 06

**M.Architecture (2013 & Onwards EL-II) (Sem.-3)**

**TALL BUILDINGS**

**Subject Code : MACH-305b**

**M.Code : 72484**

**Time : 3 Hrs.**

**Max. Marks : 50**

**INSTRUCTION TO CANDIDATES :**

1. Attempt any **FOUR** questions with **TWO** questions from **EACH UNIT**.
2. All questions carry **EQUAL** marks.

**UNIT-I**

1. Innovation in the design of High Rise buildings can make them energy efficient. Discuss with the help of suitable examples. 12.5
2. How does high rise buildings affect environment? Discuss in detail the Environmental Impact assessment of high rise buildings. 12.5
3. Explain the role of high rise buildings in the present day with the help of suitable examples. Explain in detail their advantages and disadvantages. 12.5

**UNIT-II**

4. Do you think choice of appropriate structure system is important for the design of high rise buildings? Also discuss various structural systems commonly used in construction of high rise buildings. 12.5
5. Explain maintenance of high rise buildings. Do you think maintenance issues affect the design of high rise buildings? How? 12.5
6. What are different methods of construction of high rise buildings? Also explain how various services are integrated into the design of high rise buildings? 12.5

**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.**