

Total No. of Questions : 06

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

TALL BUILDINGS

Subject Code : MACH-305b

Paper ID : [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.
3. Illustrate your answers with the help of diagrams, sketches and examples, wherever necessary.
4. Assume any missing data/dimension.

UNIT I

- Q1. Do you think high rise buildings affect urban environment? How? Discuss in detail with the help of suitable examples.
- Q2. Explain in detail the considerations of physical planning and design of high rise buildings in urban environment.
- Q3. Innovation in the design of High Rise buildings can make them energy efficient. Discuss with the help of suitable examples.

UNIT II

- Q4. Write a detailed note on economics of high rise buildings.
- Q5. Maintenance of high rise buildings is a major consideration at design stage. Discuss by giving suitable examples.
- Q6. Enlist various structural systems of high rise buildings. Do you think choice of structure system is important for the design of high rise buildings? Explain.