

Total No. of Pages : 01

Total No. of Questions : 05

B. Architecture (E-V) (Sem.-9)
MULTI-STOREYED BUILDINGS-I

Subject Code : AR-535

Paper ID : [A0954]

Time : 3 Hrs.

Max. Marks : 50

INSTRUCTION TO CANDIDATES :

1. Attempt any **THREE** questions.
2. All questions carry **EQUAL** marks.

1. Explain in detail the structure system we commonly use for the construction of high rise buildings with the help of relevant sketches; also explain the system of forces acting on it.
2. How does high rise buildings affect environment? Discuss in detail the Environmental Impact assessment of high rise buildings.
3. Explain maintenance of high rise buildings. Do you think maintenance issues affect the design of high rise buildings? How?
4. Maintenance of high rise buildings is a major consideration at design stage. Discuss by giving suitable examples.
5. Explain how various services like HVAC, PHE and electrical etc. are integrated into the design of high rise buildings.