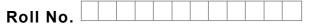


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B. Architecture (E-V) (Sem.-9) MULTI-STOREYED BUILDINGS-I Subject Code : AR-535 Paper ID : [A0954]

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.