

Roll No

MVCT/MVCP - 301(B)
M.E./M.Tech. III Semester
Examination, June 2016
Multi Storey Buildings (Elective-I)
Time : Three Hours

Maximum Marks : 70

Note : i) Attempt any five questions.
ii) All questions carry equal marks.

1. Discuss structural systems and their suitability.
2. Discuss the approximate methods of analysis of multi storeyed building frames subjected to lateral loads.
3. Discuss with example matrix methods for the analysis of building frames.
4. Discuss yield line analysis of reinforced concrete slabs.
5. Discuss the effects of earthquake on foundation of multi Storeyed building frame.
6. Discuss the design of frame for ductility with sketches.
7. Discuss the analysis of shear walled buildings.

8. Write notes on the following:

- a) Structural design criteria in planning
- b) Computer programming for the analysis of building frames
- c) Detailing of joints in shear walled buildings
