

MODEL QUESTION PAPER

MFC3 - P

I Semester M.TECH Examination, August 2011 BEHAVIOUR & DESIGN OF REINFORCED CONCRETE STRUCTURE.

Time: 01 Hours

Max.Marks: 25

- Q.1 Classify various types of stair case.
- Q.2 Design a two flight stair case with steps on waist slab for floor to floor height of 3.5m, width of flight is 1.5 m and it carries a load of 4kn/m^2 .
- Q.3 Write in brief about working stress method and limit state Method.
- Q.4 How the reinforcement detailing for flat slab are made. Explain with necessary diagram?
- Q.5 Design a square and circular column sections subjected to concentric load of 1000kn at working state. Take M30 concrete and Fe500 steel.
