

Assignment

1. Design a two way reinforced concrete roof slab for a room of size 5m x 6m subjected to a live load of 0.75kN/m^2 . The load due to floor finish is 1kN/m^2 . Use M20 and Fe415 as materials.
2. Design the reinforcement required for a two way slab which do not having adequate provisions to prevent lifting of corners. The clear dimension of the room is 6m x 6m. It is supported on 230mm thick wall. Live load on slab is 1.5kN/m^2 . Consider other dead loads also. Use M20 and Fe415 as materials.