CE8501 DESIGN FO REINFORCED CEMENT CONCRETE ELEMENTS

Important 2 Mark Questions

Part-A

1. Different types of method of design
2. What are the assumptions made in the elastic theory of reinforced concrete sections?
3. How does Limit State method of design differ from Working Stress method of design?
4. Write the formula for developing length.
5. What are the types of shear failure in reinforced concrete beams?
6. What is the different between one way slab and two-way slab?
7. What are the types of reinforcement in slab?
8. State the purpose of providing torsion reinforcement in slab.
9. On what condition long column is more suitable?
10. According to IS code all the columns shall be designed for minimum eccentricity. Justify the reasons for this statement.?
11. Explain about eccentric loading on a footing?
12. What are the assumptions made in the design of footings?
13. Name the common types of foundations?
14. What are the causes of structural distress?
15. Why check for transfer of load at the base of the column over footing is done?