

CE8602 STRUCTURAL ANALYSIS-II

Important 2-Mark Questions

Part-A

1. What is meant by influence lines?
2. What is meant by absolute shear force diagram?
3. What will be the absolute maximum bending moment in a simply supported beam when two concentrated wheel loads cross it?
4. Briefly explain Muller Breslau principle.
5. State the importance of Influence line diagram.
6. What is an arch? Explain.
7. List the methods used for the analysis of fixed arches?
8. Distinguish between two hinged and three hinged arches.
9. Define cable structures. Mention its needs.
10. Explain the true shape of cable structures.
11. Define load factor.
12. Define shape factor.
13. Define plastic hinge.
14. Define mechanism.
15. Classify the different types of mechanisms.