

SSLC, HSE, DIPLOMA, B.E/B.TECH, M.E/M.TECH, MBA, MCA

Notes

Syllabus

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CE8402 STRENGTH OF MATERIALS-II

Important 2-Mark Questions

Part-A

1. Define statically indeterminate beams.
2. State the degree of indeterminacy in propped cantilever.
3. State the degree of indeterminacy in a fixed beam.
4. Define stress.
5. Define principal planes and principal stress.
6. List the assumptions made in the analysis of curved bars.
7. Write the formula for stress using Winkler-Bach theory.
8. Name the reasons for unsymmetrical bending.
9. Write about shear center or angle of twist.
10. Examine endurance limit and endurance ratio.