

24.	Column Bases: Slab base, Gusseted base.
25.	Plastic Design: Fundamentals of plastic theory for steel structures
26.	Plastic Design: Fundamentals of plastic theory for steel structures
27.	shape factor, plastic analysis
28.	shape factor, plastic analysis
29.	Design of rectangular & I sections for Continuous beam
30.	Design of rectangular & I sections for Continuous beam
31.	Design of rectangular & I sections for Continuous beam
32.	<i>Design of Simple and Built-up Beams: Laterally restrained and unrestrained (symmetrical section only). Curtailment of flange plates.</i>
33.	<i>Design of Simple and Built-up Beams: Laterally restrained and unrestrained (symmetrical section only). Curtailment of flange plates.</i>
34.	<i>Design of Simple and Built-up Beams: Laterally restrained and unrestrained (symmetrical section only). Curtailment of flange plates.</i>
35.	<i>Design of Simple and Built-up Beams: Laterally restrained and unrestrained (symmetrical section only). Curtailment of flange plates.</i>
36.	Gantry Girder: Design of gantry girder
37.	Gantry Girder: Design of gantry girder
38.	Gantry Girder: Design of gantry girder
39.	Gantry Girder: Design of gantry girder
40.	Numericals
41.	Numericals
42.	Numericals
43.	Revision
44.	Revision
45.	Revision

Suggested Books & References

1. Arya & Ajmani, 'Design of Steel Structures'.
2. Duggal, S.K. 'Design of Steel Structures'.
3. Punmia B.C., 'Design of Steel Structures'.
4. Steel Hand Book
5. Relevant IS Codes.

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