

23.	<i>Design of Columns: Short and long columns</i>
24.	<i>Design of Columns: Short and long columns</i>
25.	eccentrically loaded columns (uni-axial).
26.	<i>Column Footings: Isolated column footing</i>
27.	<i>Column Footings: Isolated column footing</i>
28.	<i>Column Footings: Isolated column footing</i>
29.	combined footing for two columns (without central beam)
30.	combined footing for two columns (without central beam)
31.	combined footing for two columns (without central beam)
32.	<i>Staircases: Design of dog-legged staircases</i>
33.	<i>Staircases: Design of dog-legged staircases</i>
34.	<i>Staircases: Design of dog-legged staircases</i>
35.	<i>Cantilever Retaining Walls: Design of cantilever type retaining walls</i>
36.	<i>Cantilever Retaining Walls: Design of cantilever type retaining walls</i>
37.	<i>Cantilever Retaining Walls: Design of cantilever type retaining walls</i>
38.	introduction to counter-fort retaining wall
39.	introduction to counter-fort retaining wall
40.	introduction to counter-fort retaining wall
41.	Numericals
42.	Numericals
43.	Numericals
44.	Revision
45.	Revision

Suggested Text Books & References

1. Jain A.K., 'Reinforced Concrete-Limit State Design', Nem Chand & Bros. Roorkee.
2. Krishna J. and Jain O.P., 'Plain and Reinforced Concrete, Vol. I. New Chand & Bros. Roorkee.
3. Dayaratnam P., 'Reinforced Concrete Structures', Oxford and IBH Publishing Co.
4. Punamia B.C., 'Limit State Design of Reinforced Concrete', Laxmi Publication Pvt. Ltd.
5. Pillai and Menon, 'Reinforced Concrete Design ', Tata McGraw Hill, New Delhi.

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