

23.	Elements of simple circular curve(definition & notation, designation of curve)
24.	setting out of simple circular curve by ordination from the long chord by successive bisection of arc
25.	setting out of simple circular curve by ordination from the long chord by successive bisection of arc
26.	offsets from the tangents & by two theodolite method
27.	<i>Transition Curve:</i> General requirement of super elevation
28.	ideal transition curve. Length of transition curve
29.	Methods of setting out a transition curve
30.	<i>Trigonometrical Leveling:</i> Determination of differences of elevations
31.	base of the object accessible
32.	base of the object accessible
33.	base of the object inaccessible axis at the same level & at different level
34.	base of the object inaccessible axis at the same level & at different level
35.	base of the object inaccessible axis at the same level & at different level
36.	<i>Ariel Photography:</i> Introduction to Ariel Photography.
37.	<i>Ariel Photography:</i> Introduction to Ariel Photography.
38.	<i>Ariel Photography:</i> Introduction to Ariel Photography.
39.	<i>Field Astronomy:</i> Definitions and basic concepts of Field Astronomy
40.	<i>Field Astronomy:</i> Definitions and basic concepts of Field Astronomy
41.	Numericals
42.	Numericals
43.	Revision
44.	Revision
45.	Revision

Suggested Books & References

1. Arora K. R. 'Surveying', Volume I & II.
2. Punmia B.C. 'Surveying', Vol. I & II.
3. Clendinning and Oliver, 'Principles and use of surveying instruments'.

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