

2.10 30276 SURVEYING & LEVELLING

1. Introduction
2. Scales
3. Linear measurements of distance
4. Chain surveying and ranging
5. Cross staff chain surveying and instruments
6. Compass survey
7. Leveling
8. Contouring
9. Plane table survey
10. Computation of areas
11. Computation of volumes
12. Minor instruments
13. Theodolite
14. Permanent adjustments of levels
15. Tachometric surveying
16. Circular curves
17. Transition curves
18. Vertical curves
19. Field Astronomy
20. Theory of errors
21. Setting out works
22. Hydrographic surveying
23. Photographic surveying
24. Modern techniques of surveying

References Book:

1. Surveying and Levelling Vol. I and Vol. II by T. P. Kanetkar and S.V.Kulkarni, Pune Vidyarthi Griha Prakashan.
2. Surveying and Levelling by Subramanian, Oxford University Press.
3. Surveying, Vol. I & II by Dr.B.C. Punmia, Ashok K. Jain, Arun K. Jain, Laxmi Publications.

