

**SYLLABUS FOR THE POST OF JUNIOR SURVEY OFFICER, E-1 GRADE (INTERNAL)**

**Internal Circular No. CRP/PER/R/2024/1634, Dt. 27.11.2024**

**PART – I (Subject related to the post)**

1. General Practices of Surveying & Leveling in UG/OC Mines
2. Theodolite Survey
3. Triangulation and Trilateration
4. Levelling
5. Setting out Curves, Minor Instruments
6. Latest Instruments- EDM, Total Station, DGPS & 3D Laser Scanner
7. Legislation related to Survey
8. Drift, Fault, Dip & Strike
9. Mensuration
10. Units Conversion
11. AutoCAD Civil 3D
12. Survey, Sand Stowing & OBR Manuals
13. Linear Measurements and its corrections
14. Limits of errors (Linear/Angular)
15. KML/ Shape files
16. Recent Circulars on OBR contracts

**PART-II (General Studies)**

1. General Knowledge
2. General English
3. Quantitative Aptitude & Numerical Ability
4. Test of Reasoning
5. Computer Basics