

**Syllabus for the post of Fitter Trainee Cat-I (Internal)**  
**Circular No.CRP/PER/R/2024/276, DT.14.03.2024**

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

- 1) Safety
- 2) Units
- 3) Measurement and Measuring Tools
- 4) Marking and Marking Tools
- 5) Cutting Tools and Operations
- 6) Metals
- 7) Heat Treatment
- 8) Limits
- 9) Fits
- 10) Tolerance
- 11) Screw Threads
- 12) Lapping and Honing
- 13) Preventive Maintenance
- 14) Coolants and Lubricants
- 15) Bearings
- 16) Flange and Pipe Fittings
- 17) Mechanical Power Transmission
- 18) Forging
- 19) Sheet Metal
- 20) Welding
- 21) Riveting and Soldering
- 22) Lathe
- 23) Pneumatics and Hydraulics
- 24) Workshop Calculations
- 25) Science and Employability Skills

**PART-II (General Studies)**

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