

Tata Steel Apprentice Syllabus || Check TISCO Trade Apprentice Exam Pattern @ tslhr.tatasteel.co.in

Tata Steel Apprentice Exam Pattern

S.No	Name of the Subjects	Number Of Questions
1)	Mathematics	25
2)	Science	40
3)	English	10
4)	Current affairs & GK	15
5)	Five lines on the given topic	1

Tata Steel Apprentice Syllabus

Science

- Work Power and Energy
- Specific Heat and Latent Heat
- Parallel Forces
- Hydrostatics and Archimedes' principle
- Physical quantities and Measurements
- Measurement of small lengths
- Kinematic Theory of Matter
- Light and Reflection of light from Plane Surface
- Scalar and Vector Quantities
- Gravitation and Simple Pendulum
- Moment
- Thermometer and Thermal Expansion
- Couples and Levers
- Refraction of light from Lenses
- The human eye and Optical Instruments
- Thermal Conduction
- Coulomb's Law
- Vibration
- Equation of Motion
- Reflection of light from Spherical Mirror
- Behavior of gases
- Refraction of light from Plane Surface
- Constitution of Atoms
- Magnetic Field and force on a moving charge
- Newton's Laws of Motion
- Waves and Sound
- Electric Current and Simple Circuit
- Applications of Simple Current
- Static Electricity
- Periodic Classification of atoms

- Chemical bonding
- Organic Compounds
- Carbon
- Electromagnetic Induction
- Combustion and fuels
- Oxidation-Reduction
- Acids Bases and Salts
- Metals and Metallurgy
- Nature of Matter
- Symbols and formulas
- Isolation and hardness of water
- Energy changes in chemical reactions
- Chemical reactions
- Industrial Chemistry

Current Affairs and GK

- Important dates among other typical GK questions
- Who's
- Recent records
- Recent appointments

Mathematics

- Profit and Loss
- Percentage
- Trigonometry (Heights and Distances)
- Number System
- Discount
- Mensuration
- Logarithm
- Statistics
- Probability
- Algebra (Quadratic Equations, Arithmetic Progressions, Function, Surds, Polynomials, Factors)
- Geometry
- Simple and Compound Interest

English

- Reconstruction of Words in a Sentence
- Spotting the Errors
- Proposition
- Comprehension
- Spelling
- Filling up of Blanks using the most appropriate word
- One word Substitution
- Synonyms and Synonyms of Underlines words
- Antonyms and antonyms of Underlined Words