

Tata Steel Apprentice Syllabus

Mathematics

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

Science

Physical quantities and Measurements, Measurement of small lengths, Scalar and Vector Quantities, Equation of Motion, Newton's Laws of Motion, Gravitation and Simple Pendulum, Moment, Parallel Forces, Couples and Levers, Work Power and Energy, Hydrostatics and Archimedes' principle, Vibration, Waves and Sound, Thermometer and Thermal Expansion, Specific Heat and Latent Heat, Thermal Conduction, Kinematic Theory of Matter, Light and Reflection of light from Plane Surface, Reflection of light from Spherical Mirror, Refraction of light from Plane Surface, Refraction of light from Lenses, Human eye and optical Instruments, Coulomb's Law, Static Electricity, Electric Current and Simple Circuit, Applications of Simple Current, Magnetic Field and force on a moving charge, Electromagnetic Induction, Nature of Matter, Behavior of gases, Constitution of Atoms, Periodic Classification of atoms, Chemical bonding, Oxidation Reduction, chemical reactions, Symbols and formulas, Acids bases and Salts, Isolation and hardness of water, Energy changes in chemical reactions, Combustion and fuels, Organic Compounds, Carbon, Metals and Metallurgy, Industrial Chemistry, etc.

English

Questions are asked from: Spotting the Errors, Preposition, Spelling, Reconstruction of Words in a Sentence, Comprehension, Synonyms, and Synonyms of Underlines words, Antonyms, and antonyms of Underlined

Words, Filling up of Blanks using the most appropriate word, one-word Substitution etc.

Current Affairs and GK

Recent appointments, who's who, recent records, important dates among other typical GK questions

Jobschat.in