

Mathematics

1. Number System
2. HCF and LCM
3. Indices and Surds
4. Rational Expressions
5. Sets, Relations and Functions
6. Logarithms
7. Linear Equations
8. Quadratic Equations
9. Factorisation of Polynomials
10. Simple Interest and Compound Interest
11. Banking
12. Taxation
13. Time and Distance
14. Time and Work
15. Area
16. Volume and Surface Area
17. Geometry
18. Rectangular Coordinates, Straight Lines, Family of Lines

18. Electromagnetic Induction (Physics)

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Chemistry

1. Elements, Mixtures and Compounds
2. Laws of Chemical Combination and Gas Laws
3. Atomic Structure
4. Valency
5. Concept of Atomic, Molecular and Equivalent Masses
6. Electrochemistry : Acids, Bases, Salt and Hydrolysis
7. Catalysis
8. Different Chemical Reactions
9. Periodic Classification of Elements
10. Water
11. Hydrogen, Oxygen, Nitrogen and Chlorine
12. Ammonia, Sulphur Di-oxide, Hydrogen Sulphide and Hydrogen Chloride
13. Metals, Non-metals and Metallurgy
14. Zero Group Elements
15. Important Chemical Compounds
16. Fuels
17. Hydrocarbons

19. Trigonometric Ratio
20. Trigonometric Identities
21. Height and Distance
22. Statistics (Maths)

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Physics

1. Measurement
2. Vector and Motion
3. Laws of Motion
4. Work, Power and Energy
5. Gravitation
6. Simple Pendulum, Wave Motion
7. Hydrostatics
8. Kinetic Theory of Matters
9. Heat and Thermal Expansion
10. Thermodynamics
11. Transmission of Heat
12. Reflection of Light
13. Refraction of Light
14. Optical Instruments
15. Electrostatic
16. Electric Current
17. Magnetic Effect of Current

18. Industrial Chemistry (Chemistry)

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