

Syllabus for Polytechnic Entrance Examination 2021

Polytechnic Exam 2021 Syllabus includes three sections i.e Physics, Chemistry and Mathematics. Aspirants should go through the syllabus before appearing for the exam.

Syllabus for Mathematics

1. Number System
2. Time and Distance
3. Rational Expressions
4. Logarithms
5. Linear Equations
6. Quadratic Equations
7. Factorization
8. HCF and LCM
9. Sets
10. Time and Work
11. Simple Interest and Compound Interest
12. Banking
13. Taxation
14. Relations and Functions
15. Trigonometric Ratios and Identities
16. Trigonometrical Formula
17. Statistics

18. Geometry
19. Heights and Distances
20. Area, Volume and Surface Area
21. Rectangular Coordinates
22. The Straight Line

Syllabus for Physics

1. Measurement
2. Kinetics
3. Laws of Motion
4. Work, Power and Energy
5. Kinetic Theory of Gases
6. Heat and Thermal Expansion
7. Thermodynamics
8. Rotatory Motion of a Rigid Body
9. Gravitation
10. Simple Harmonic Motion
11. Hydrostatics
12. Reflection of Light
13. Refraction of Light
14. Optical Instruments
15. Electrostatics
16. Current Electricity

17. Transmission of Heat
18. Wave Motion
19. Electromagnetism
20. Electromagnetic Induction

Syllabus for Chemistry

1. Elements
2. Mixtures and Compounds
3. Molecular and Equivalent Masses
4. Group Elements
5. Important Chemical Compounds
6. Electrochemistry
7. Acids, Bases, Salt and Hydrolysis
8. Catalysis
9. Different Chemical Reactions
10. Periodic Classification of Elements
11. Laws of Chemical Combination and Gas Laws
12. Atomic Structure
13. Valency
14. Concept of Atomic
15. Hydrocarbons
16. Polymers
17. Detergents, Drugs and Explosives.

By – [itsplayerone]