

TEST SYLLABI

CLASS VIII

Physics

1. Force and Pressure
2. Friction
3. Chemical Effect of Electric Current
4. Natural Phenomena
5. Light

Chemistry

1. Metals and Non metals
2. Coal & Petroleum
3. Combustion & Flame

Mathematics

1. Rational Numbers
2. Understanding Quadrilaterals
3. Comparing Quantities
4. Algebraic Expression & Identities
5. Square & Square Root
6. Cube & Cube Root
7. Exponents and Powers

CLASS IX

Physics

1. Motion
2. Force and Laws of motion
3. Gravitation
4. Work and Energy
5. Fluid

Chemistry

1. Matter in Our Surrounding
2. Is matter around us pure ?
3. Atoms and Molecules
4. Structure of Atom

Mathematics

1. Number System
2. Lines & Angles
3. Triangles
4. Co-ordinate Geometry
5. Linear Equations in Two Variables
6. Polynomials

CLASS X

Physics

1. Light: Reflection and Refraction
2. Electricity
3. Human Eye and Colourful World
4. Sources of Energy
5. Magnetic Effect of Current

Chemistry

1. Chemical Reactions & Equations
2. Acids, Bases and Salts
3. Metals and Non-Metals
4. Carbon and Its Compounds
5. Periodic Classification

Mathematics

1. Real Numbers
2. Polynomials
3. Quadratic Equations
4. Similar Triangles
5. Trigonometry
6. Coordinate Geometry
7. Arithmetic Progression

CLASS XI

Physics

1. Physical world and Measurement
2. Kinematics
3. Laws of motion
4. Work Energy and Power
5. Gravitation
6. Mechanical Properties of Solids
7. Motion of System of Particles and Rigid Body

Chemistry

1. Some Basic Concept of Chemistry
2. Atomic Structure
3. Periodic Properties & Periodic Classification of Elements
4. Chemical Bonding
5. Redox Reactions & Stoichiometry
6. Chemical Equilibrium
7. Ionic Equilibrium
8. Hydrogen & It's compounds
9. General Organic Chemistry & Isomerism

Mathematics

1. Sets
2. Relations and Functions
3. Linear Inequality
4. Progression & Series
5. Complex Numbers
6. Trigonometric Ratios and Identities
7. Conic Section
8. Logarithms
9. Basic Calculus
10. Straight Lines
11. Quadratic Equations
12. Statistics
13. Circle
14. Parabola
15. Limits & Derivatives

CLASS XII

Full syllabus of
JEE Advanced 2024