

Class 11 JCERT / JAC Syllabus (2026–27)

Academic Session 2026–2027 | JCERT / JAC Curriculum Framework

Official Curriculum Notice: This syllabus document outlines the key subject-wise chapters and thematic learning modules prescribed by JCERT / JAC for Class 11 for the academic session 2026-27.

Physics (भौतिकी)

- 1. Units and Measurements (मात्रक और मापन)
- 2. Motion in a Straight Line (सरल रेखा में गति)
- 3. Motion in a Plane (समतल में गति)
- 4. Laws of Motion (गति के नियम)
- 5. Work, Energy and Power (कार्य, ऊर्जा और शक्ति)
- 6. System of Particles and Rotational Motion (कणों के निकाय तथा घूर्णी गति)
- 7. Gravitation (गुरुत्वाकर्षण)
- 8. Mechanical Properties of Solids (ठोसों के यांत्रिक गुण)
- 9. Mechanical Properties of Fluids (तरलों के यांत्रिक गुण)
- 10. Thermal Properties of Matter (द्रव्य के तापीय गुण)
- 11. Thermodynamics (ऊष्मागतिकी)
- 12. Kinetic Theory (अनुगति सिद्धांत)
- 13. Oscillations (दोलन)
- 14. Waves (तरंगें)

Chemistry (रसायन विज्ञान)

- 1. Some Basic Concepts of Chemistry (रसायन विज्ञान की कुछ मूल अवधारणाएँ)
- 2. Structure of Atom (परमाणु की संरचना)
- 3. Classification of Elements and Periodicity in Properties (तत्वों का वर्गीकरण एवं गुणधर्मों में आवर्तिता)
- 4. Chemical Bonding and Molecular Structure (रासायनिक आबंधन तथा आण्विक संरचना)
- 5. Chemical Thermodynamics (रासायनिक ऊष्मागतिकी)
- 6. Equilibrium (साम्यावस्था)
- 7. Redox Reactions (अपचयोपचय अभिक्रियाएँ)
- 8. Organic Chemistry: Some Basic Principles and Techniques (कार्बनिक रसायन: कुछ आधारभूत सिद्धांत तथा तकनीकें)
- 9. Hydrocarbons (हाइड्रोकार्बन)

Mathematics (गणित)

- 1. Sets (समुच्चय), 2. Relations and Functions (संबंध एवं फलन), 3. Trigonometric Functions (त्रिकोणमितीय फलन)
- 4. Complex Numbers and Quadratic Equations (सम्मिश्र संख्याएँ और द्विघातीय समीकरण)
- 5. Linear Inequalities (रैखिक असमिकाएँ), 6. Permutations and Combinations (क्रमचय और संचय)
- 7. Binomial Theorem (द्विपद प्रमेय), 8. Sequences and Series (अनुक्रम तथा श्रेणी)
- 9. Straight Lines (सरल रेखाएँ), 10. Conic Sections (शंकु परिच्छेद), 11. Introduction to Three Dimensional Geometry (त्रिविमीय ज्यामिति का परिचय)
- 12. Limits and Derivatives (सीमा और अवकलज), 13. Statistics (सांख्यिकी), 14. Probability (प्रायिकता)

Biology (जीव विज्ञान)

- • Unit 1: Diversity in the Living World (The Living World, Biological Classification, Plant Kingdom, Animal Kingdom)
- • Unit 2: Structural Organisation in Plants and Animals (Morphology & Anatomy of Flowering Plants, Structural Organisation in Animals)
- • Unit 3: Cell: Structure and Functions (Cell, Biomolecules, Cell Cycle and Cell Division)
- • Unit 4: Plant Physiology (Photosynthesis in Higher Plants, Respiration in Plants, Plant Growth and Development)
- • Unit 5: Human Physiology (Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and Transformation, Locomotion and Movement, Neural Control and Coordination, Chemical Coordination and Integration)

Arts & Commerce Overview (कला एवं वाणिज्य)

- • Accountancy: Introduction to Accounting, Theory Base of Accounting, Recording of Transactions, Bank Reconciliation Statement, Trial Balance and Rectification of Errors, Financial Statements of Sole Proprietorship.
- • Business Studies: Business, Trade and Commerce, Forms of Business Organisations, Public, Private and Global Enterprises, Business Services, Emerging Modes of Business, Social Responsibilities of Business.
- • History: Writing and City Life, An Empire Across Three Continents, Nomadic Empires, Changing Cultural Traditions, Displacing Indigenous Peoples, Paths to Modernisation.
- • Political Science: Indian Constitution at Work, Political Theory (Liberty, Equality, Justice, Rights, Citizenship).

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