



**RAGENDRA SWARUP PUBLIC SCHOOL, AGRA**  
**SYLLABUS - HALF YEARLY EXAMINATION (2023-24)**  
**CLASS - XII**

<b>SUBJECT</b>	<b>SYLLABUS</b>
<b>ENGLISH LANGUAGE</b>	Composition, Directed Writing, Proposal Writing, Functional Grammar, Comprehension.
<b>ENGLISH LITERATURE</b>	Tempest Act 3 & 4. Story: 1.Fritz 2.Quality 3.The story of an hour 4.The singing Lesson. Poetry: The Darkling Thrush, Birches, The Dolphins, John Brown
<b>MATHEMATICS</b>	Inverse Trigonometry Function, Determinants, Matrix, Differentiability & Continuity, Application of Derivatives, Integration.
<b>PHYSICS</b>	1. Electric charges and Field. 2. Gauss' Theorem 3. Electric potential. 4. Capacitors and dielectrics. 5. Electric resistance and ohms law. 6. DC Circuits and measurement. 7. Moving charges and magnetic field. 8. Torque on a current loop: Moving coil galvanometer. 9. Magnetic field and earth's magnetism. 10. Magnetic classification of substances. 11. Electromagnetic induction. 12. Alternating-current. 13. Electromagnetic waves.
<b>BIOLOGY</b>	Ch.1 Sexual reproduction in flowering plants. Ch.2 Human reproduction. Ch.3 Reproductive health.Ch.4 Principles of inheritance and variation. Ch.5 Molecular basis of inheritance. Ch.6 Evolution. Ch.7 Human health and diseases.
<b>CHEMISTRY</b>	1. Solution. 2. Electrochemistry. 3. d and f block compounds. 4. Coordination compounds. 5. Haloalkanes and haloarenes. 6. Alcohol, phenol & ethers. 7. Chemical kinetics.
<b>COMPUTER</b>	1.Boolean Algebra, 2 Computer Hardware 3.Implementation of algorithms to solve problems 4.Programming in Java (Review of Class XI Sections B and C), 5.Objects 6.Primitive values, Wrapper classes, Types, and casting 7.Variables, Expressions, Statements, Scope ,8.Methods 9.Arrays, Strings (only String Library functions) 10.Recursion
<b>HISTORY</b>	Ch 1. Towards Independence and Partition: The Last Phase (1935-1947), Ch 2. Establishment and Development of Indian Democracy (1947-1966), Ch 3. Challenges to Indian Democracy (1964-1977).
<b>POLITICAL SCIENCE</b>	Forms of Government, Constitution, Franchise and Representation, Legislature, executive.
<b>HINDI</b>	1. <b>Hindi Language</b> - निबंध लेखन कीजिए। शुद्ध को वाक्यों अशुद्ध बनाओ वाक्य से महावर्णों, गद्यांश अपठित , 2. <b>Hindi Literature</b> - गद्य संकलन - (कविता) मंजरी काव्य ? है क्या संस्कृति ,भक्तिन - (कहानी) है देखा घिरते को बादल ,नर उद्यमी, सारा आकाश 6-1 उत्तरार्ध - <b>Note</b> - Complete course of Class XI will be included.
<b>PHYSICAL EDUCATION</b>	1. Sociological Aspect of Physical Education. 2. Training Method. 3. Career Aspects in Physical education. 4. Cricket. 5. Football. 6. Hockey. 7. Basketball.
<b>COMMERCE</b>	1. Business Environment 2. Capital Fixed and Working 3. Sources of Finance for a joint stock company 4. Banking- Latest Trends 5. Management- Meaning, Nature and Importance 6. Principal of Management 7. Function Of Management and coordination 8. Planning 9. Staffing 10. Consumers Protection
<b>ACCOUNT</b>	1. Fundamentals Of Partnership 2. Valuations of Goodwill 3. Admissions of partners 4. Retirement of partners 5. Death of a partner 6. Dissolution of Partnership 7. Issues of shares.
<b>ECONOMICS</b>	1. Demand and law of demand 2. Theory of consumer behaviour - marginal utility and indifference curve analysis 3. Elasticity of demand 4. Supply- law of supply and price elasticity of supply 5. Market mechanism 6. Law of returns 7. Cost and revenue analysis 8. Forms of market 9. Producers equilibrium 10. Determination of equilibrium price and output under perfect competition 11. Money and banking