



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

SUBJECT	SYLLABUS
MATHEMATICS	1. Trigonometry, 2. Complex Numbers, 3. Quadratic Equation, 4. Linear Inequality, 5. Binomial Theorem, 6. Permutations & Combination, 7. Limits & Derivatives, 8. Statistics
PHYSICS	1. Significant Figures, Rounding off, Order of Magnitude, 2. Dimensional Analysis, 3. Motion in straight line, 4. Motion in a plane, 5. Newton's law of motion, 6. Friction, 7. Uniform circular motion, 8. Centre of mass, 9. Rotational motion, Moment of inertia.
CHEMISTRY	1. Basic Concepts of Chemistry, 2. Structure of Atom, 3. Classification of Elements and Periodicity in properties, 4. Chemical Bonding and Molecular Structure, 5. Redox reaction
BIOLOGY	Ch.1 The Living World, Ch.2 Biological Classification, Ch.3 Plant Kingdom, Ch.4 Animal Kingdom, Ch.5 Morphology of flowering plants, Ch.6 Anatomy of flowering plants, Ch.7 Structural organization in animals (only frog), Ch.8 Cell- The unit of life, Ch.9 Biomolecules
ENGLISH LITERATURE	I- DRAMA: MACBETH : WILLIAM SHAKESPEARE ACT 1 (SC 1-7) II- PRISM : A COLLECTION OF ISC SHORT STORIES 1. A Living God 2. Advice to Youth 3. The Paper Menagerie III- RHAPSODY- A COLLECTION OF ISC POEMS 1. Abhisara- The Tryst 2. Why I Like the Hospital 3. Sonnet 16
ENGLISH LANGUAGE	1. Composition 2. Directed writing- Article, Speech, Book Review. 3. Proposal writing 4. Functional Grammar 5. Comprehension 6. Total English (Unit 1 to 8)
HINDI	हिंदी व्याकरण 1. निबंध लेखन 2. अपठित गद्यांश 3. मुहावरे एवं लोकोक्तियाँ 4. अशुद्ध वाक्यों को शुद्ध कीजिये हिंदी साहित्य गद्य संकलन - 1. पुत्र प्रेम 2. गौरी 3. शरणागत 4. क्या निराश हुआ जाए काव्य मंजरी - 1. बाललीला 2. एक फूल की चाह 3. तुलसी के पद 4. नदी के द्वीप सारा आकाश - भाग एक से छह (पूर्वाद्ध)
COMMERCE	1. Classification of human activities - Economic and non-economic 2. Nature and objective of business 3. Classification of business activities 4. Introduction to business organization 5. Sole trader 6. Partnership 7. Joint stock company 8. Types of companies 9. Formation of company 12. Social responsibility of business and business ethics 15. Wholesale trade 16. Retail trade
ECONOMICS	1. Definition of Economics 2. Basic concepts of economics. 3. Basic problems of an economy 4. Types of economies 5. Solution to the basic economic problems under different economic systems. 7. Economic growth and development. 16. Definition, scope, importance and limitations of Statistics 17. Collection, organization, and presentation of data. 18. Measure of central value. 21. Index number
ACCOUNTS	1 Accounting for G.S.T, 2 Meaning and Objectives, 3 GAAP, Basic Accounting terms, 4 IFRS (AS), 5 Bases of Accounting, 6 Accounting Equation, 7 Journal, 8 Cash Book, 9 Subsidiary Book, 10 Ledger, 11 Trial Balance, 12 Capital and Revenue Expenditure
HISTORY	Ch 1. Growth of Nationalism Ch 2. Emergence of the Colonial Economy Ch 3. Economic, Social and Cultural Impact of British Rule Ch 4. Protest Movement Against Colonial Rule Ch 5. Gandhian Nationalism
POLITICAL SCIENCE	Introduction to Political Science; Meaning The origin of the State, Political Ideologies, Sovereignty, Law, Liberty
PHYSICAL EDUCATION	1. Concept of Physical Education 2. Individual Aspect and Group Dynamics. 3. Effects of Physical exercise on Human body 4. Cricket 5. Football 6. Hockey 7. Basketball.