



# RAGENDRA SWARUP PUBLIC SCHOOL, AGRA

## SYLLABUS –FIRST TERM EXAMINATION (2022-23)

### CLASS - XI

<u>SUBJECT</u>	<u>SYLLABUS</u>
<b>English Literature</b>	<p><b>Play:</b> The Tempest (Act I), Prose Echoes- A Collection of ISC Short Stories (Evergreen Publications) Salvatore, To Build A Fire</p> <p><b>Poetry:</b> Reverie A Collection of ISC Poems, The Gift of India, Crossing The Bar, Desiderata</p>
<b>English Language</b>	<p>Book Total English (Morning Star), Unit 1 – 8</p> <p>Composition Writing, Directed Writing (Speech Writing, Article Writing, Book Review, Film Review), Proposal Writing, Functional Grammar, Comprehension Passage</p>
<b>Science</b>	<p><b>Physics-</b> Dimensional analysis, Vectors, Motion in two dimensions, Force: Newton’s laws of motion, Work, Power and Energy, Friction, Uniform circular motion, Centre of Mass, Significant Figures</p> <p><b>Chemistry-</b> Basic Concepts of Chemistry, Structure of Atom, Classification of Elements &amp; Periodic Properties, Chemical Bonding, Redox Reactions.</p> <p><b>Biology-</b> The Living World, Biological Classification, Plant Kingdom, Animal Kingdom, Morphology of Flowering Plants, Anatomy of Flowering Plants, Structural Organization in Animals</p>
<b>Mathematics</b>	Trigonometry, Complex Number, Quadratic Equations, Linear Inequations, Permutations and Combinations, Statistics
<b>Accounts</b>	Accounting for G.S.T, Meaning and Objectives, GAAP, Basic Accounting terms, IFRS (AS), Bases of Accounting, Accounting Equation, Journal, Cash Book, Subsidiary Book, Ledger, BRS, Trial Balance, Capital and Revenue Expenditure
<b>Commerce</b>	Classification of Human Activities- Economic and Non-Economic, Nature and Objectives of Business, Classification of Business Activities, Introduction to Business Organization, Sole Trader, Partnership, Joint Stock Co., Types of Companies, Formation of a Company, Social Responsibility of Business and Business ethics
<b>Economics</b>	Ch1- Definitions of Economics, Ch2- Basic Concepts of Economics, Ch3- Basic Problems of an Economy, Ch4- Types of Economics, Ch5- Solution to Basic Problems Under the Different Economic Systems, Ch7- Parameters (Indicators) of Development, Ch16- Definition, Scope, Importance and Limitations of Statistics, Ch17- Collection, Organization & Presentation of Data, Ch18- Measures of Central Value, Ch21- Index Numbers
<b>Computer</b>	Number System, Propositional Logic, K-Map, Adder Encoder and Decoder, Java Programming Classes, Objects, Constructor, Basic Gates, Universal Gates, Exclusive Set of Gates), Programming based on classes & objects
<b>Physical Education</b>	<p>Section-A: Ch1-Concept of Physical Education, Ch2- Individual aspects and Group Dynamics, Section-B: Cricket, Football, Hockey, Basketball</p> <p><u>Note:</u> A specialized teacher can include a question of his choice of game with the given syllabus of the sports section</p>