RAGENDRA SWARUP PUBLIC SCHOOL, AGRA
SYLLABUS –FINAL TERM EXAMINATION (2022-23)
CLASS – IX

SUBJECT	SYLLABUS
ENGLISH LANGUAGE	Letter writing, Notice writing, E- Mail writing, Composition, Functional Grammar and Unseen Passage
ENGLISH LITERATURE	The Merchant of Venice – Act 1 and Act 2 Prose(Treasure Trove)- Chief Seattle's Speech, Old man at the Bridge, A horse and two goats, Hearts and Hands, A face in the dark. Poem- The heart of the tree, The cold within, The Bangle Sellers, After Blenheim, Television
HINDI LANGUAGE	**हिंदी व्याकरण** निबंध लेखन,चित्र लेखन,पत्र लेखन,कहानी लेखन,अपठित गद्यांश,काल ,वचन,लिंग वाच्य, भाववाचक संज्ञा,विशेषण,तत्सम-तद्भव, पर्यायवाची,विलोम शब्द,मुहावरे,लोकोक्ति,अनेक शब्दों के लिए एक शब्द,वाक्य परिवर्तन,अशुद्धि संशोधन
HINDI LITERATURE	**एकांकी संचय** 1.मातृभूमि का मान 2.सूखी डाली **साहित्य सागर** **पद्य भाग** 1.वह जन्मभूमि मेरी 2.सूर के पद 3.विनय के पद (Complete course of First term will be included)
MATHEMATICS	Compound Interest, Expansions, Factorisation, Simultaneous Linear Equations, Indices, Triangles, Pythagoras Theorem, Rectilinear figures, Circle, Mensuration, Trigonometrical Ratios, Trigonometrical Ratios of Standard Angles, Coordinate Geometry and Statistics
PHYSICS	Ch.2 Motion in one dimension Ch.3 Law of Motion Ch. 4 Pressure in fluids Ch.5 Upthrust in fluids Ch.6 Heat (Energy excluded) Ch 7 Reflection of Light Ch.8 Sound Ch 9 Current Ch.10 Magnetism
CHEMISTRY	Ch. 1 The Language of Chemistry Ch.2 Chemical changes and reactions Ch.4 Atomic structure and Chemical bonding Ch 5 The Periodic Table

	Ch.6 Study of the first element- Hydrogen Ch. 7 Study of Gas Laws Ch.8 Atmospheric Pollution Ch.9 Practical work
BIOLOGY	Ch.1 Cell Ch.2 Tissues Ch. 3 The flower Ch.4 Pollination and Fertilization Ch.5 Germination of Seeds Ch.6 Respiration in Plants Ch.7 Diversity in the Living World Ch.8 Bacteria and Fungi Ch.9 Nutrition Ch.10 Tooth Ch.11 Digestive system Ch.12 Movement and Locomotion Ch.13 Skin Ch. 14 The Respiratory system Ch.16 Disease- Causes and control
HISTORY & CIVICS	**HISTORY** CH: The Delhi sultanate ,The Mughal Empire, The composite culture: Bhakti movement, Sufism and influence of Christianity on Indian society ,The Renaissance, The Reformation , The Mauryan Empire. **CIVICS** CH: Elections and Election Commission, Local self-Government (rural local institution), Local Self Government (urban local institution).
GEOGRAPHY	CH : Rock, Weathering ,Volcanoes , Earthquakes ,Composition and structure of Earth, Insolation, Atmospheric pressure and winds, Humidity ,Natural regions of the world (Equatorial, Tropical desert, Tropical monsoon) Map of the world.
COMPUTER	* Introduction to OOPs concepts * Elementary concepts of objects and classes * Values and Data types * Operators and Expressions * Methods and Functions * Conditional Constructs in Java * Iterative Constructs in Java * Maths Library Functions * Nested loops * Array (1-D array) (Additional topic) **Programs**: 1. Slab based(if - else - if) 2. Pattern/series (looping) 3. Switch (Menu driven) 4. Number program 5. Array (sum, max, min, linear) 6. Function overloading
P.EDUCATION	The Human Anatomy and Physiology Muscular system Respiratory system Circulatory system Games and Sports Cricket, Football, Basketball, Hockey