



St. Mary's Convent High School

KANPUR

FINAL EXAM SYLLABUS FOR **CLASS-11** (2021-2022)

ENGLISH LANGUAGE – Composition, Comprehension, Report Writing- Natural Disaster, Book Review, Film Review, Grammar-(Transformation, Prepositions, Verbs).

ENGLISH LITERATURE – THE TEMPEST-Act II, Act III, ECHOES- Quality, The Chinese Statue, Salvatore, REVERIE - John Brown, The Spider and the Fly, Desiderata

MATHS – **SECTION – A-** Relations and Functions, Trigonometry, Permutations and Combinations, Binomial Theorem, Sequences and Series, Straight Line, Circles, Limits and Derivatives, Statistics, Probability. **SECTION –B** Conic Section (Excluding Tangency), Three Dimensional Geometry. **SECTION – C-** Correlation analysis, Index Numbers, Statistics (Ex 1.1)

VALUE EDUCATION –

COMMERCE- Joint Stock Company, Types of Companies, Formation of a Company, Cooperative Organization, Wholesale Trade, Retail Trade, Procedure and Documents Used in Home Trade, Nature and Scope of Foreign Trade, Export Trade, Import Trade, Insurance.

COMPUTER – String Tokenizer, String, Recursive Functions, Data File Handling, Types of Error, Exception Handling, Packages, Arrays(1D & 2D), User Defined Class, Wrapper Classes, Propositional Logic & Hardware, Data Representation.

HINDI - गद्य संकलन, शरणागत, सती, भक्तिन, काव्य मंजरी, एक फूल की चाह, आ धरती कितना देती है, कबीर दास, सारा आकाश- उपन्यास, पूर्वार्ध- साँझ- अंक- 1 to 10, व्याकरण- निबन्ध, कहानी, मुहावरे, वाक्यों को शुद्ध करना, अपठित गद्यांश।

Biology- The Living World, Morphology of Flowering Plants, Transport in Plants, Mineral Nutrition, Respiration in Plants, Digestion and Absorption, Excretory Products and their Elimination. Locomotion and Movement, Chemical Co-ordination and Integration.

PHYSICS- Motion in a plane, Gravitation: planets and satellites, Elasticity, Flow of liquids, Surface tension, Heat transfer, Thermodynamics, Isothermal and adiabatic processes, Heat engine: second



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law of thermodynamics, Kinetic theory of gases, Simple harmonic motion, Waves, Superposition of waves I, Superposition of waves II, Vibrations of stretched string.

CHEMISTRY -.States of Matter, Hydrocarbons : - Alkynes , Arenes, Chemical Thermodynamics, Equilibrium, p-Block Elements, Organic Chemistry: Isomerism , Estimation of elements in org Compds ,Types of reactions n mechanisms, Redox reactions,Chemical Bonding n Molecular Structure.

ACCOUNTS- Double Entry System, Books of Original Entry – Journal, Trial Balance, Bank Reconciliation Statement, Bills of Exchange, Generally Accepted Accounting Principles (GAAP), Bases of Accounting, Capital and Revenue, Provisions and Reserves, Final Accounts, Final Accounts – With Adjustments, Errors and their Rectification.

FASHION DESIGNING- Introduction to fashion, Wardrobe planning, Fashion designers, Care of clothes, Illustration

PHYSICAL EDUCATION- Section 'A' Effect of physical exercise on human body system, Nutrition, weight control and exercise, Physical fitness and Wellness, Games and Sports a global perspective , Section ' B Volleyball , Badminton, Basketball