



St. Mary's Convent High School

KANPUR

FINAL EXAM SYLLABUS FOR **CLASS-9** (2021-2022)

ENGLISH LANGUAGE – Comprehension, Letter Writing (both formal and informal) , Notice and Email writing, Functional Grammar

ENGLISH LITERATURE – The Merchant of Venice: Act II Sc (II -IX), Act III Sc I, Stories: The Angel in Disguise, A face in the Dark, Hearts and Hands, Poem: The Cold Within, After Blenheim, The Bangle Sellers

MATHS -Compound interest .(Using formula),Factorisation,Simultaneous(Linear) equations, Logarithms, Triangles (Congruency in Triangles), Isosceles Triangles, Midpoint Theorem and its Converse, Pythagoras Theorem, Rectilinear figures,Circle,Statistics,Mean and Median(For grouped data only),Area and Perimeter of Plane Figures,Solids(Surface Area and Volume of 3-D Solids),Trigonometrical Ratios, Trigonometrical Ratios. of standard Angles, Solution of Right Triangles,Complimentary Angles,Co-ordinate Geometry,Graphical Solution,Distance Formula.

VALUE EDUCATION – Equal status to women, Silent messages, See the brighter side, Self protection, (II) General case study

HISTORY AND CIVICS: The Mauryan Empire,Medieval India- The Composite Culture,The Modern Age in Europe-(B) Reformation,The Modern Age in Europe- (C) The Industrial Revolution,Our Constitution, Local Self Government (Rural), Local Self Government (Urban)

CHEMISTRY- Chemical Changes and Reactions, Water, Chemical Bonding, The Periodic Table, Study of the first Element- Hydrogen,Language Of Chemistry.

PHYSICS- Laws of Motion, Upthrust in fluids, Archimedes' Principle and Floatation, Heat and Energy, Reflection of Light, Propagation of Sound Waves, Current Electricity, Magnetism.

BIOLOGY- The Flower ,Economic Importance of Bacteria and Fungi,Nutrition, Nutrition in Animals, Digestive system, Movement and Locomotion, Skin- The jack of all trades, The Respiratory System



COMPUTER- Iterative Statements (while, do...while, for), Math class functions, Program based on Series, Numbers, Nested Loops and Pattern based programs, Intro. To Packages, Scanner Class, Type of Errors, Type of comments. Classes and Methods.

GEOGRAPHY-Tides and Ocean Currents 2, Composition and Structure of the Atmosphere, Atmospheric Pressure and Winds, Humidity, Pollution: Preventive Measures, Tropical Monsoon Natural Region 7. Introduction to Top sheets 8. Map work and Diagram

HINDI - गद्य भाग, नेता जी का चश्मा, महायज्ञ का पुरस्कार, अपना अपना भाग्य

पद्य भाग, विनय के पद, भिक्षुक, गिरिधर की कुंडलियां, समस्त हिंदी व्याकरण

ECONOMICS- The Nature and The Classification of An Economy, The Nature of The Indian Economy,

The Sectors of The Indian Economy, Consumer Awareness, Globalisation

PHYSICAL EDUCATION- **Section- 'A '** Muscular system, Respiratory, Circulatory system, Games and Sports, **Section ' B '** Football 6- Volleyball 7- Badminton 8- Basketball.