



## Class 9-A, B, C

### Syllabus for Final Examination

2017-2018

SUBJECT	EXAM SYLLABUS
Geography	Atmospheric Pressure and Winds. (Chap-13) Humidity. (Chap- 14) Pollution- Types and Sources.(Chap- 15) Effects of Pollution. (Chap-16) Pollution- Preventive Measures. (Chap- 17) Natural Regions of the World. (Chap- 18) Map of India Map of World Topographical Maps Time Sums
Physics	Ch. No.1. Measurement and Experimentation. Ch. No.5. Upthrust in fluids, Archimede's Principle and Floatation. Ch. No.7. Reflection of Light. Ch. No.8. Propagation of sound waves. Ch. No.9. Current Electricity. Ch. No.10. Magnetism.
Maths	1. Factorisation 2. Indices 3. Logarithms (Ex 8.1, Ex 8.2 upto question 15) 4. Mid-Point Theorem 5 .Pythagoras Theorem 6. Rectilinear Figures 7. Theorem on Area 8. Circle (14.1) 9. Mensuration (Ex 15.3 and Ex 15.4) 10. Trigonometrical Ratio 11. Trigonometrical Ratios of Standard Angles 12. Co-ordinate Geometry 13. Statistics
Computer	Ch. 15- History and Development of Java



# St. Mary's Convent Inter College

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Applications	<p>Ch.16 -Values and Types            Ch.17-Operators and Expressions            Ch.18-Conditional Statements            Ch.19- Iteration through Loops</p>
History and Civics	<p><b>History-</b></p> <ol style="list-style-type: none"> <li>1. South India and the Cholas.</li> <li>2. The Delhi Sultanate.</li> <li>3. The Mughal Empire.</li> <li>4. The Renaissance.</li> <li>5. The Reformation.</li> <li>6. The Industrial Revolution.</li> </ol> <p><b>Civics</b></p> <ol style="list-style-type: none"> <li>1. Directive Principles of State Policy.</li> <li>2. Elections.</li> <li>3. Local Self- Government-Urban.</li> </ol>
Hindi Literature	<p>Ch.No.4.नेताजी का चश्मा            Ch.No.5.अपना अपना भाग्य            Ch.No.6.बड़े घर की बेटी            Ch.No.1.बात अठन्नी की (1st term)</p> <p><b>Poetry</b></p> <p>Ch.No.4.वह जन्मभूमि मेरी            Ch.No.6.सूर के पद            Ch.No.1.साखी            Ch.No.2. गिरिधर की कुंडलियां (1st term )</p> <p><b>व्याकरण-</b> प्रस्ताव लेखन,            पत्र लेखन ( औपचारिक , अनौपचारिक एवं प्रार्थना पत्र )            अपठित गद्यांश            व्यावहारिक व्याकरण</p>
Eng Lang	<p>Ch. 9 to 15 of Total English</p> <p><b>1. Essay</b></p> <ul style="list-style-type: none"> <li>. Narrative</li> <li>. Descriptive</li> <li>. Argumentative</li> <li>. Reflective</li> <li>. Story Writing</li> <li>. Picture Composition</li> </ul> <p><b>2. Letter</b></p> <ol style="list-style-type: none"> <li>a. Formal</li> <li>b. Informal</li> </ol> <p><b>3. Notice</b></p> <p><b>4. E-Mail</b></p> <p><b>5. Comprehension</b></p>



	6. Functional Grammar
English Literature	<p><b>Drama:</b> The Merchant of Venice Act- 1 , Scene 1,2,3 Act 2 , Scene 1 to Scene 9 Act 3 , Scene 1 to scene 5</p> <p><b>Poetry:</b> 1. The Heart of the Tree 2. Cold within</p> <p><b>Prose:</b> 1.Chief Seattle's Speech 2.A Horse and Two Goats</p>
Biology	<p>Chap-3. The Flower Chap-4. Pollination and Fertilization Chap-9. Nutrition Chap-10. Nutrition in Animals Chap-11. Digestive System of Man Chap-13. Skin Chap-14. The Respiratory System Chap-16 Aids to Health Chap-17. Health Organisation</p>
Chemistry	<p>Chap-1. The Language of Chemistry Chap-4. Atomic Structure and Chemical Bonding Chap-7. Study of Gas Laws Chap-8. Atmospheric Pollution Chap-1. Periodic Table (Class 10th) Chap-2. Chemical Bonding (Class 10th)</p>
Economics	<p>Chap-2. Basic Concepts of Economics Chap-5. The Nature and Classification of an Economy Chap-6. Solution to the Basic Economic Problems in Different Economies Chap-8. The Sectors of Indian Economy Chap-9. Impact of Agricultural and Industrial Practices of the Eco System Chap-10. Infrastructure of the Indian Economy Chap-12. Consumer Awareness Chap-13. Globalisation</p>



## Class XI-A, B

### Syllabus for Final Examination

2017-2018

SUBJECT	EXAM SYLLABUS
English Lang	1. Report writing- Newspaper Report,- Articles, Magazine Reports- Article, First Information Report, Principal's Testimonials, Book Review, Film Review 2. Composition- All types 3. Proposal Writing 4. Functional Grammar- Transformation of Sentences, Prepositions, Tenses. 5. Comprehension. <b>Text Book-</b> Total English Ch 1 to 15
English Lit	<b>1.The Tempest</b> Acts 1 and 2 <b>2.Short Stories</b> a) To Build a Fire b) The Story of an Hour c) The Chinese Statue <b>3.Poetry</b> a) The Darkling Thrush b) Birches c) Desiderata
Physics	1. Physical World 2. Units 3. Error Analysis 4. Significant Figures 5. Dimensional Analysis 6. Motion in a Straight Line 7. Motion in a Plane 8. Newton's Laws of Motion 9. Friction 10. Uniform Circular Motion. 11. Work, Power and Energy 12. Centre of Mass. 13. Gravitation 14. Elasticity. 15. Fluid Pressure. 16. Flow of Liquids.



	<p>17. Surface Tension.          18. Calorimetry.          19. Heat Transfer.          20. Thermodynamics.          21. Second Law of Thermodynamics          22. Free, Damped and forced Oscillations.          23. Waves          24. Doppler effect.</p>
Biology	<p>Chap.2. Systematics and Five kingdoms of Life          Chap.4. Kingdom Monera          Chap.5. Kingdom Protista          Chap.6. Kingdom Fungi          Chap.7. Plant Kingdom          Chap.8. Animal Kingdom          Chap.10. Inflorescence, Flower, Fruits and Seed          Chap.11. Important Families of Angiosperms          Chap.12. Tissues, Different parts of flowering plants          Chap.13. Animal Tissues          Chap.20. Cell cycle and Cell Division          Chap.21. Transport in Plants          Chap.22. Mineral Nutrition          Chap.23. Photosynthesis in Higher Plants          Chap.24. Respiration in plants          Chap.25. Plant growth and development          Chap.26. Digestion and Absorption          Chap.27. Breathing and Exchange of Gases          Chap.28. Body fluids and Circulation          Chap.31. Neural control and co-ordination          Chap.32. Chemical co-ordination and Integration</p>
Chemistry	<p>1. Some Basic Concepts of Chemistry.          4. Chemical Bonding and Molecular Structure          7. Equilibrium          8.Redox Reactions (Oxidation and Reduction)          9.Hydrogen          10.The S-Block elements          11.Some P-Block elements          12.Organic Chemistry-Some Basic principles and techniques          13.Hydrocarbons</p>
Computer Science	<p>.Proposition Logic          .Boolean Algebra          . Double Dimension Arrays          . String Manipulation</p>



	. Classes and Objects
Economics	<p>Ch. 1. Definition of Economics</p> <p>Ch.2. Basic Concepts of Economics.</p> <p>Ch.3. Basic Problems of an Economy</p> <p>Ch.4. Types of Economies</p> <p>Ch.5. Solution to the Basic Economic Problems under Different Economic System</p> <p>Ch.6. The State of the Indian Economy on the Eve of Independence</p> <p>Ch.7. Economic Growth and Development</p> <p>Ch.8. Parameters of Development</p> <p>Ch.9. Sustainable Development</p> <p>Ch.10. Planning and Economic development in India</p> <p>Ch.11. Structural changes in the Indian economy after Liberalisation</p> <p>Ch.12. The problem of Poverty in India</p> <p>Ch.13. Profile of Indian Agriculture Development</p> <p>Ch.15. Employment and Unemployment in India</p> <p>Ch.19. Measure of Central value</p> <p>Ch.20. Measures of Dispersion</p> <p>Ch.21. Correlation</p> <p>Ch.22. Index Number.</p>
Commerce	<p>I- Nature and purpose of Business</p> <p>II - Forms of business Organisation</p> <p>III- Social Responsibility of Business and Business Ethics</p> <p>IV- Emerging modes of Business</p> <p>V- Stock of Exchange</p> <p>VI- Trade</p> <p>VII- Foreign Trade</p> <p>VIII- Insurance</p>
Accounts	<p>Ch.1. Basic Accounting Terms</p> <p>Ch.2. Accounting Equation</p> <p>Ch.3. Meaning and objectives of Accounting</p> <p>Ch.4. Double Entry System</p> <p>Ch.5. Journal</p> <p>Ch.6. Cash Book</p> <p>Ch.7. Special Purpose Subsidiary Books</p> <p>Ch.8. Ledger</p> <p>Ch.9. Trial Balance</p> <p>Ch.10. Bank Reconciliation Statement</p> <p>Ch.11. Depreciation</p> <p>Ch.12. Bill of Exchange</p> <p>Ch.13. Generally Accepted Accounting Principles</p>



	<p>Ch.14. Bases of Accounting            Ch.15.Accounting Standards and International Financial Reporting Standards            Ch.16. Capital and Revenue            Ch.17.Provisions and Reserve            Ch.18. Final Accounts            Ch.19. Final Accounts- with Adjustment            Ch.20. Errors and their Rectification (Two Sided Errors)</p>
Maths	<p style="text-align: center;"><b>Section A</b></p> <p>1.Sets            2. Relations and Functions            3. Trigonometry            4. Principle of Mathematical Induction            5. Complex Number            6. Quadratic Equations            7. Linear Inequalities            8. Permutation and Combinations            9. Binomial Theorem            10. Sequences and Series            11. Straight lines            12. Circles            13. Limits and Derivatives            14. Statistics            15. Probability</p> <p style="text-align: center;"><b>Section B</b></p> <p>1. Conic Sections            2. Introduction to 3-D</p> <p style="text-align: center;"><b>Section C</b></p> <p>1. Statistics            2. Correlation Analysis            3. Index Numbers and Moving Averages</p>
Physical Education	<p>Section A            All 6 Chapters            Section B            Badminton and Volleyball - Full Chapters</p>