



St. Mary's Convent Inter College

LUCKNOW

Class 12

Syllabus For 1st Term 1st Assessments (20 Marks)

2018-2019

Subject	Syllabus
Biology	Unit 1,2,3 and 5 (Chapters as Mentioned above)
Computer	Boolean
Chemistry	Ch-10 Haloalkanes and Haloarenes Ch-11 Alcohols, Phenols and Ethers Ch-12 Aldehydes, Ketones and Carboxylic Acids
Physics	1 Spherical Mirrors 2 Refraction of light at a Plane interface 3 Refraction of light at spherical Surface
Economics	1 Demand and Law of Demand.
Accounts	Accounting for Partnership Firm.
English Lit	The Tempest- Ref to Context from Act III- Scenes 1,2,3
English Lang	Functional Grammar 1 Transformation of Sentences 2 Prepositions 3 Tenses



Class 12

Syllabus of Half Yearly Examination (80 Marks)

2018-2019

SUBJECT	SYLLABUS
Mathematics	<p>SECTION A</p> <ol style="list-style-type: none"> 1. Determinants 2. Matrices 3. Inverse Trigonometric Functions 4. Continuity and Differentiability 5. Indeterminate Forms 6. Relation and Functions. 7 Application of Derivatives <p>SECTION B</p> <ol style="list-style-type: none"> 1. Vectors <p>SECTION</p> <ol style="list-style-type: none"> 1. Application of Calculus in Commerce and Economics 2. Linear Regression
Accounts	<ol style="list-style-type: none"> 1 . Accounting for Partnership (Firm) 2 .Goodwill Concept and Valuation 3. Admission of Partner 5. Retirement or Death of a Partner 6. Dissolution of Partnership 9. Comparative Statement 10. Common Size Statement. 11 Ratio Analyiss.
Economics	<p>Ch.No.1.Demand and Law of Demand</p> <p>Ch.No.2. Theory of Consumer Behaviour</p> <p>Ch.No.3. Elasticity of Demand</p> <p>Ch.No.4. Supply- Law of Supply and Elasticity of Supply.</p> <p>Ch.No.5. Market Mechanism</p> <p>Ch.No.6. Law Of Returns - Return to a factor and Return to Scale.</p> <p>Ch.No.7. Cost of Revenue Analysis</p> <p>Ch.No.8. Form of Market</p> <p>Ch.No.9. Producer Equilibrium</p> <p>Ch.No.10.Determination of Equilibrium Price and output under Perfect Competition</p> <p>11 Money: Meaning and Functions.</p>



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	12 Banks: Commercial Bank and Central Bank.
Eng Lang	<p>1. Composition- All kinds of compositions.</p> <p>2. Report Writing- Cv Personal Profile Statement of purpose Speech writing Interview Travel Brochure All other reports</p> <p>3 Proposal Writing</p> <p>4. Functional Grammar-</p> <p>5. Comprehension</p>
English Literature	<p>Book: The Tempest: Act IV (Act I,II and III to be added)</p> <p>Book: Echoes: A Collection of Short Stories: 1 A Gorilla in the Guest Room- G. Durrell 2 The Singing Lesson- K. Mansfield 3 The Sound Machine- Roald Dahl</p> <p>Book :Reverie: A Collection of ISC Poems 1 Dolphins- C.A Duffy 2 Crossing the Bar- Lord A. Tennyson 3 The Spider and the Fly- M.B. Howitt</p>
Biology	<p>UNIT- I: Reproduction 1 Reproduction in Organisms 2 Sexual reproduction in the Flowering Plants. 3 Human Reproduction 4 Reproductive Health.</p> <p>UNIT- II : Evolution 10 Origin of Life 11 Evidences of Biological Evolution 12 Theories and Mechanism of Evolution 13 Human Evolution</p> <p>UNIT-III Biology and Human Welfare Ch-14 Basic Concept of Immunology Ch-15 Common Human Diseases Ch-16 Adolescent issues: Alcohol abuse and Drugs. Ch-17 Improvement in food Production. Ch-18 Apiculture and Animal Husbandry. Ch-19 Microbes in Human Welfare.</p> <p>UNIT-V: Ecology and Environment.</p>



	<p>Ch-23 Organisms and their Environment. Ch-24 Population Interaction. Ch-25 Concepts of Population Growth. Ch-26 Ecosystem. Ch-27 Biodiversity and its Conservation Ch-28 Environmental Issues.</p>
Chemistry	<p>Ch-10 Haloalkanes and Haloarenes Ch.No.11. Alcohols and Phenols and Ethers Ch.No.12 Aldehydes, Ketones and Carboxylic Acids Ch13. Organic Compounds containing Nitrogen. Ch-14 Bimolecules 1 Solid State 2 Solutions 3 Electrochemistry 6 General Principles and Processes of Isolation of Elements. 9 Coordination Compounds.</p>
Physics	<p>1. Electric Charges and Fields. 2. Gauss Theorem 3. Electric Potential and Potential Energy. 4. Capacitors and Dielectrics 5. Electric Resistance and Ohm's Law 6. D.C. Circuits and Measurements 7. Moving Charges and Magnetism</p>
P.Ed.	<p>SECTION A Ch-1 Sociological Aspects of Physical Education Ch- 2 Training methods Ch-5 Health Education and health Problems. Section-B Volleyball- -knowledge of the game, strategies and tactics and How to improve performance Detailed understanding of the rules and regulations of the games. - knowledge of the dimensions and Diagram of the Court, Thickness of the lines, Dimensions within the court, full specifications of the net , pole and other equipment required for the game Badminton- -knowledge of the game, strategies and tactics and How to improve performance -Detailed understanding of the rules and regulations of the game, match time , extra time , tie, shuttle in play and out of play, importance of lines on the court, singles and doubles. - Knowledge of the dimensions and diagram of the Court, Thickness, Material</p>



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	and Dimensions. Duties of the Officials, Requirements of the game, Equipment, Number of Players, duty of Coach, Match organises
Computer	Object Passing Recursion String Handling





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Syllabus of Final Examination (Pre Board)

2018-2019

Subject	Syllabus
Economics	13 Theory of Income and Employment 14 Balance of Payment and Exchange Rate. 15 Fiscal Policy. 16 Government Budget. 17 National Income and Circular Flow of Income. 18 National Income Aggregates. 19 Methods of Measuring National Income.
Accounts	9 Issue of Shares. 10 Issues of Debentures. 11 Redemption of Debentures. 12 Financial Statement of Companies 13 Cash Flow Statement
PED	Section- A Full Course (Chapter 1-6) Section-B Badminton: Full Course Volley Ball- Full Course.
Chemistry	1 Solid State 2 Solutions 3 Electrochemistry 4 Chemical Kinetics 5 Surface Chemistry 6 General Principles and Processes of Isolation of Elements. 7 P- Block Elements 8 D- and F- Block elements 9 Coordination Compounds. 10 Haloalkanes and Haloarenes 11 Alcohols and Phenols and Ethers 12 Aldehydes, Ketones and Carboxylic Acids 13. Organic Compounds containing Nitrogen. 14 Bimolecules 15 Polymers 16 Chemistry in everyday Life



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Physics	<ol style="list-style-type: none"> 1. torque on a Current –Loop 2. Magnetic Field and Earth's Magnetism. 3 Magnetic Classification Of Substances 4. Electromagnetic Induction 5. Alternating Current 6 Electromagnetic Waves 7 Refraction and Dispersion of light through a Prism 8 Optical Instruments 9 Wave Nature of light 10 Interference of Light 11 Diffraction of Light 12 Polarisation of Light 13 Photoelectric Effect 14 Matters Waves 15 X-Rays 16 Atom, Origin of Spectra 17 Nuclear Structure 18 Radioactivity 19 Mass- Energy Equivalence 20 Nuclear Fission and Nuclear Fusion 21 Semiconductor Electronics 22 Junction Diodes 23 Junction Transistors 24 Logic Gates 25 Communication System.
Maths	Full Syllabus
Biology	Full Syllabus UNIT-2 : Genetics Ch-5 Elements of Heredity and Variation Ch-6 Genes and Chromosomes Ch-7 Mutations Ch-8 Genetic Material, Genetic Code and Protein Synthesis Ch-9 Gene Expression and Its Regulation.
Computer	Inheritance Data Structure <ul style="list-style-type: none"> - Stack - Queue -Binary Tree
English Lang	Combined Course- Class 11 and Class 12.
English Lit	Book: The Tempest: (Ref to Context and Long Answers)



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Act V (Act I and IV to be added)

Book: Echoes- Short Stories)- Long Answers only

B. Wordsworth- Vs Naipaul (and all the short stories done in Class 11 and 12)

Book :Reverie (Poems)

1 Dove Beach- Matthew Arnold

2 we are the music makers- AWEO' Shaughnessy (And all other poems done in class 11 and 12)

Combined Course Class 11 and 12.

