



St. Mary's Convent Inter College
LUCKNOW

Class XI-A, B

Syllabus for 1st Term 1st Assessment (20 Marks)

2018-19

SUBJECT	SYLLABUS
Physics	Physical World Units and Measurement Dimensional Analysis
Computer Science	Number System
Economics	Basic Concepts of Economics Basic Problems of an Economy
Eng Lang	1. Proposal Writing 2. Functional Grammar- Transformation of Sentences
English Literature	Salvatore (Long Answer)
Biology	Ch-1 The Living World Ch-2 Systematics and Five Kingdoms of Life Ch-3 Tools for study of Taxonomy Ch-4 Kingdom Monera
Chemistry	Ch-2 Structure of atom Ch-4 Chemical Bonding and Molecular Structure



Class XI-A, B

Syllabus for Half Yearly (80 Marks)

2018-19

SUBJECT	SYLLABUS
Physics	Physical World Units and Measurement Dimensional Analysis Motion in a Straight Line Motion in a Plane Newton's laws of Motion Friction Uniform circular Motion Work, Energy and Power Centre of Mass Rotational Motion of a Rigid body Gravitation
Computer Science	Array Matrix
Economics	Definition of Economics Basic Concepts of Economics Basic Problems of an Economy Types of Economies Solutions to the Basic Economic Problems under Different Economic System Definition, Scope, Importance and Limitation of Statistics Collection, Organisation, and Presentation of Data Measures of Central value Measures of Dispersion
Eng Lang	1 Composition - All kinds -Narrative -Descriptive -Reflective -Argumentative -Short story 2 Report Writing Newspaper reports and articles/ Magazine reports Book Review



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	<p>Film Review FIR Principal's Testimonial Interview Travel Brochure 3 Proposal Writing 4 Functional Grammar -Transformation of Sentences -Prepositions -Tenses 5 Comprehension (Unseen Passage) Book- Total English- class 11 Sample papers 1 to 8 NOTE: - 1st Assessment of Listening and Speaking Skills.</p>
English Literature	<p>The Tempest ACT I , ACT II 2.ECHOES- A Collection of ISC Short Stories 1) Salvatore- W S Maugham 2) Fritz- Satyajit Ray 3) Quality- John Golsworthy 3.Reverie- A Collection of ISC Poems 1) The Gift of India- S Naidu 2) Desiderata- M Ehrmann 3) John Brown- Bob Dylan</p>
Biology	<p>Ch- 9 Morphology of Root Stem and Leaf Ch- 10 Inflorescence, Flower Fruit and Seed Ch-11 Important families of Angiosperms Ch-15 Cell Theory and Cell as a Unit of Life Ch-16 Cell Membrane Ch-17 Structural Organisation of the Cell Ch-18 Biomolecules Ch-19 Enzymes Ch-20 Cell Cycle and Cell Division Ch-24 Respiration in plants Ch- 28 Body Fluids and Circulation Ch- 29 Excretory Products and their elimination Ch-30 Locomotion and Movement Ch-31 Neural Control and Coordination Ch-32 Chemical Coordination and Integration</p>
Chemistry	<p>1.Some basic concepts of Chemistry 2.Structure of Atom 3.Classification of Elements and Periodicity in Properties 4.Chemical Bonding and Molecular Structure</p>



	<p>5.States of Matter: Gases and Liquids 10.S-Block Elements 11.Some P-Block Elements 14.Environmental Chemistry</p>
P.Ed	<p>SECTION A Ch-1 Concept of Physical Education Ch-2 Individual Aspects and Dynamics Ch-6 Games and Sports- A Global Perspective Section-B Volleyball- -knowledge of the game, strategies and tactics and how to improve performance. Detailed understanding of the rules and regulations of the game. - 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 -Duties of the officials, table officials, referees requirements of the game, equipment needed, numbers of players, reserve bench, duty of coach, captain etc. 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 of the court, singles and doubles. - Knowledge of the dimensions and diagram of the court, thickness of the lines, Equipment required for the game with their length, width, weight, thickness material and dimensions. Duties of the Officials, Requirements of the game, Equipment needed, Numbers of Players, Duty of Coach, Match Organisers</p>
Maths	<p>Section A Ch-3. Trigonometry Ch-4. Principle of Mathematical Induction Ch-5. Complex Number Ch-6. Quadratic Equations Ch-7. Linear Inequalities Ch-10. Sequences and Series Ch-11. Straight lines Ch-14. Statistics Section B Ch-2. Introduction to Three Dimensional Geometry</p>



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Class XI-A, B

Syllabus for 2nd Term 1st Assessment (20 Marks)

2018-2019

SUBJECT	SYLLABUS
Computer Science	String Handling
Economics	Employment and Unemployment in India
Eng Lang	Functional Grammar - Transformation of Sentences -Prepositions -Tenses
Biology	Ch-5 Protista Ch-6 Fungi Ch-7 Plant Kingdom Ch-8 Animal Kingdom
Chemistry	Ch-6 Chemical Thermodynamics Ch-7 Equilibrium



Class XI-A, B

Syllabus for Final Examination (80 marks)

2018-2019

SUBJECT	EXAM SYLLABUS
English Lang	1.All Types of compositions 2. Report writing:- a)Speech writing b) CV c) Personal Profile d) Statement of Purpose (and the reports done in the 1 st Term) 3.Proposal Writing 4. Functional Grammar- (Same as 1 st Term) 5. Comprehension (Unseen Passage) Book- Total English (class 11) Sample papers 9 to 15 NOTE:- 2nd Assessment of Listening and Speaking Skills.
English Lit	1. The Tempest Acts 1 and 2 will also be covered 2.ECHOES- A Collection of ISC Short Stories a) A Gorilla in the Guest Room- G Durrell b) The Chinese Statue-J. Archer 3.Reverie- A Collection of ISC Poems a) The Spider and the Fly- M B Howitt b) Dolphins- C A Duffy
Physics	Physical World Units and Measurement Dimensional Analysis Motion in a Straight Line Motion in a Plane Newton's laws of Motion Friction Uniform circular Motion Work, Energy and Power Centre of Mass Rotational Motion of a Rigid body Gravitation Elasticity



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	<p>Fluid Pressure. Flow of Liquids. Surface Tension. Thermal Properties of Matter Heat Transfer. Thermodynamics. Isothermal and Adiabatic processes Heat Engine Kinetic Theory of Gases Simple harmonic motion Free, Damped and forced Oscillations. Waves Waves Motion Superposition of Waves-1 Superposition of Waves-2 Vibrations of stretched strings Doppler Effect</p>
Biology	<p>Chap.12. Tissues, Anatomy of different parts of flowering plants: Root, Stem, Leaf Chap.13. Animal Tissues Chap.14. Morphology and Anatomy of Cockroach Chap.21. Transport in Plants Chap.22. Mineral Nutrition Chap.23. Photosynthesis in higher Plants Chap.25. Plant growth and Development Chap.26. Digestion and Absorption Chap.27. Breathing and Exchange of Gases +1st Term 1st Assessment +Half Yearly +2nd Term 1st Assessment</p>
Chemistry	<p>1. Some Basic Concepts of Chemistry. 1. Some basic concepts of Chemistry 2. Structure of Atom 3. Classification of Elements and Periodicity in Properties 4. Chemical Bonding and Molecular Structure 5. States of Matter: Gases and Liquids 6. Chemical Thermodynamics 7. Equilibrium 8. Redox Reactions 9. Hydrogen 10. S-Block elements 11. Some P-Block elements</p>



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	<p>12. Organic Chemistry-Some Basic Principles and techniques</p> <p>13. Hydrocarbons</p> <p>14. Environmental Chemistry</p>
Computer Science	<p>. Boolean Algebra</p> <p>. Class and Objects</p>
Economics	<p>The State of the Indian Economy on the Eve of Independence</p> <p>Economic Growth and Development</p> <p>Parameters of Development</p> <p>Sustainable Development</p> <p>Planning and Economic Development in India</p> <p>Structural changes in the Indian economy after Liberalisation</p> <p>The Problem of Poverty in India</p> <p>Profile of Indian Agriculture</p> <p>Employment and Unemployment in India</p> <p>Correlation</p> <p>Index Number.</p>
Physical Education	<p>Section A</p> <p>All 6 Chapters</p> <p>Section B</p> <p>Badminton and Volleyball - Full Chapters</p>
Maths	<p>All the Chapters of the Book</p> <p>Section C</p> <p>3. Index Numbers and Moving Averages</p>