

Mother Teresa Mission Higher Secondary School

Syllabus for the Session - 2018-2019

Class - XII

Subjects	Months	Chapters
English-I	March	Drama : The Tempest: Act-W Sc-I Lines 1-50 Prose: Story of an Hour – Kate Chopin Poetry: The Darkling Thrush- Thomas Hardy
	April	Drama: The Tempest: Act-IV lines 51-260 Prose: B- Wordsworth – V.S. Naipaul
	May	Prose: To Build a Fire- Jack London Poetry: We are the music makers- Arthur W- Ch.10- Edger O’ Shaughnessy
	July	Drama: The Tempest-Act-V Lines 1-100 Poetry: Birches- Robert Frost
	August	Drama: The Tempest: Act V Lines 101-250
	September	Drama: The Tempest : Act V lines 251-315 Epilogue Prose: The Singing Lesson- Ratherinc Mansfield
	October	Prose: The Sound Machine- Roald Dahl Revision
	November	Poetry: Dover Beach- Mathew Arnald Revision
English-II	March	Total English Unit- I, II, III Practice, Test
	April	Total English Unit – IV, V Practice, Test
	May	T-English Unit VI, VII Practice, Test
	July	T- English Unit, VIII, IX Practice, Test
	August	Total English Unit X, XI Practice Test
	September	Total Unit XII, XIII Practice, Test
	October	Total English Unit-XIV, XV Practice, Test
	November	Total English- Model Papers Practice.
Hindi	March	काव्य-मंजरी – तुलसीदास के पद- (तुलसीदास) सारा आकाश – उत्तरार्द्ध- वाचन, आलोचनात्मक प्रश्न, चरित्र-चित्रण
	April	व्याकरण – निबंध, कहानी-लेखन काव्य-मंजरी – जाग तुझको दूर जाना- (महादेवी वर्मा) गद्य-संकलन – क्या निराश हुआ जाए? (हजारी प्रसाद द्विवेदी)
	May	सारा आकाश – पूर्ववत् व्याकरण – कहानी, मुहावरे, अशुद्ध-वाक्य संशोधन, अपठित काव्य-मंजरी – उद्यमी नर – (रामधारी सिंह दिनकर) गद्य-संकलन – भक्ति – (महादेवी वर्मा) सारा आकाश – पूर्ववत्

	July	व्याकरण – पक्ष/विपक्ष, निबंध, कहानी काव्य-मंजरी – बादल को धिरते देखा है- (नागार्जुन) सारा आकाश – पूर्ववत्
	August	व्याकरण – पूर्ववत्
	September	पुनर्अभ्यास काव्य-मंजरी – अंधेरे का दीपक- (हरिवंशराय बच्चन) गद्य-संकलन – संस्कृति क्या है? – (रामधारी सिंह दिनकर)
	October	सारा आकाश – पूर्ववत् व्याकरण – पूर्ववत्
	November	गद्य-संकलन – मजबूरी – मन्नू भंडारी सारा आकाश – पूर्ववत् व्याकरण – पूर्ववत् पुनर्अभ्यास
Mathematics	March	Ch.2- Inverse Trigonometric Functions
	April	Ch.5- Continuity & Differentiability
	May	Ch.6- Indeterminate Forms Ch.8- Integrals
	July	Ch.8- Integrals Ch.9- Differential Equations
	August	Ch.4- Determinants Ch.3- Matrices
	September	Ch.1- Relations and Functions Ch.7- Applications of Derivatives
		Ch.1- Vector (Section-B) Ch.1- Applications of Calculus in commerce & Economics (Section-C)
	October	Ch.2- Three Dimensional Geometry (Section-B) Ch.2- Linear Regression (Section-C)
	November	Ch.20- Probability Ch.3 Application of Geometry Ch.3- Linear Programming (Section-C)
	December	Revision
January	Test series (Revision)	
Computer Science	March	Ch.1- Boolean Algebra Ch.3- Objects and Classes Programs (Passing through objects)
	April	Ch.2- Computer Hardware Ch.4- Primitive Values, Types, Casting and Expressions
	May	Ch.5- Statements, Control Structure and Scope Ch.7- Arrays and Strings
	July	Ch.12- Concept of Inheritance Ch.13- Exception Handling Ch.9- Favor Classes, An OOP perspective
	August	Ch.6- Functions/ Methods Ch.11- Recursion
	September	Ch.14- Simple Data Structures
October	Ch.15- Recursive Data Structure (Binary Trees)	

	November	Ch.8- Compiling and Running favor programs Ch.16- Computational Complicity	
Physics	March	Ch.1- Electric charges and Fields Ch.2- Gauss' Theorem	
	April	Ch.3- Electric Potential and Potential Energy Ch.4- Capacitors and Di-electrics Ch.5- Electric Resistance and Ohm's law	
	May	Ch.6- DC Circuits and Measurements Ch.7- Moving Charges and Magnetism Ch.8- Torque on a current loop: Moving coil Galvanometer	
	July	Ch.9- Magnetic Field and Earth's Magnetism Ch.10- Magnetic Classification of Substance Ch.11- Electromagnetic Induction	
	August	Ch.12- Alternating Current Ch.13- Electromagnetic waves Ch.14- Spherical Mirrors	
		Ch.15- Refraction of light at Plane interface: TIR Ch.16- Refraction of light at lenses Ch.17- Refraction of dispersion of light through Prism	
		Ch.18- Optical Instruments Ch.19- Wave nature of light: Hygen's Principle	
	September	Ch.20- Interference of light Ch.22- Polarisation of light Ch.23- Photo Electric effect	
	October	Ch.24- Matter Waves Ch.25- X-rays Ch.26- Atoms, Origin of Spectra: Bohr's Theory of Hydrogen atoms	
		Ch.27- Nuclear Structure Ch.28- Radioactivity Ch.29- Mass Energy Equivalence: Binding Energy	
		Ch.30- Nuclear Fission & Nuclear Fusion Ch.31- Semiconductor Electronics Ch.32- Junction Diodes Ch.33- Junction Transistors Ch.34- Logic Gates Ch.35- Communication System	
	Chemistry	March	Haloalkanes and Haloarenes
		April	Solution & Alcohol, Phenol and ethers
		May	Solid state, p-block elements, chemistry in everyday life.
		July	Electrochemistry, Coordination compound
August		Aldehyde, Ketones and Carboxylic acid, Polymers	
September	Chemical Kinetics, Surface Chemistry		

	October	Biomolecules, Organic compounds containing nitrogen.	
	November	d-and f-block elements, General principles of extraction of metals.	
Biology	March	L.1- Reproduction in Organism	
	April	L.2- Sexual Reproduction in Flowering Plants L.3- Human Reproduction L.4- Reproductive Health	
	May	L.7- Evolution	
	July	L.5- Principles of Inheritance & Variation Remaining L-5 L.6- Molecular Basis of Inheritance L.8- Human Health and Diseases	
	August	L.9- Strategies for Enhancement in Food Production L.10- Microbes in Human Welfare	
	September	L.13- Organisms and Populations L.16- Environmental Issues	
	October	L.11- Biotechnology: Principles & Process L.12- Biotechnology and its Applications	
	November	L.14- Ecosystems L.15- Biodiversity and its conservation	
	Physical Education	March- April	1) Sociological Aspects of Physical Education 2) Training Methods
		May-July	1) Football 2) Career Aspects in Physical Education
Aug-Sept		1) Competitions and Tournaments 2) Cricket	
Oct-Nov Dec-Jan		1) Health Education and Health Problems 1) Sports Injuries and First Aid 2) Revision and giving questions of boards of football and cricket	
Commerce	March + April	<ul style="list-style-type: none"> • Banking • Business Environment • Capital – Fixed and Working • Sources of finance for a Joint stock company 	
	May	<ul style="list-style-type: none"> • Marketing- concept and Function marketing mix • Consumer Protection • Management- Meaning, Natures Importance 	
	July	<ul style="list-style-type: none"> • Principles of Management • Function of management and coordination 	
	August September October	<ul style="list-style-type: none"> • Planning • Organizing • Staffing • Directing 	

	November	<ul style="list-style-type: none"> Controlling
Accounts	April	Ch.6- Company Accounts – Issue of shares Ch.9- Financial Statements of Companies
	May	Ch.7- Company Accounts – Issue of Debentures Ch.8- Company Accounts – Redemption of Debentures
	July	Ch.1- Partnership (Fundamentals) Ch.2- Partnership- Valuation of Goodwill Ch.3- Partnership- Admission of New Partner Ch.4- Partnership – Retirement & Death of Partner (Half)
	August	Ch.4- Partnership – Retirement & Death of Partners (Half)
	October	Ch.11- Common Size Statements Ch.12- Cash flow statements Ch.13- Ratio Analysis
Economics	March	Ch.2- Demand and Law of Demand Ch.4- Elasticity of Demand
	April	Ch.3- Theory of Consumer Behaviour. Marginal Utility and Indifference Curve Analysis
	May	Ch.7- Law of Returns>Returns to a Factor and Returns to Scale Ch.8- Cost and Revenue Analysis
	July	Ch.9- Forms of Market Ch.10- Producer's Equilibrium Ch.11- Determination of Equilibrium Price and output under perfect competition
	August	Ch.5- Supply-Law of Supply and Price and Elasticity of supply Ch.6- Market Mechanism: Equilibrium Price and Quantity in a Competitive Market
	September	Ch.18- National Income and Circular Flow of Income
	October	Ch.19- National Income Aggregates Ch.20- Method of Measuring National Income
	November	Ch.12- Theory of Income and Employment Ch.13- Money : Meaning and Function Ch.14- Banks :- Commercial Banks and Central Bank Ch.15- Balance of Payments and Exchange Rate Ch.16- Fiscal Policy Ch.17- Government Budget