



ST. MARY'S ACADEMY

Mission Compound, Distt: Saharanpur

Syllabus for the year 2020-2021

Subject : Business Studies

Class- XI

July : Chapter, 2, 7

August : Chapter, 3

September : Chapter 4





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Syllabus for the year 2020-2021

Subject : Physics

Class- XI

May-June	:	Unit and Measurement
July	:	Kinematics
August	:	Laws of Motion
September	:	Work, Energy and Power Rotational Motion
October-November	:	Gravitation Properties of Matter
Nov.-Dec.	:	Kinetic Theory of Gases thermodynamics
Dec.-Jan	:	Oscillations and waves

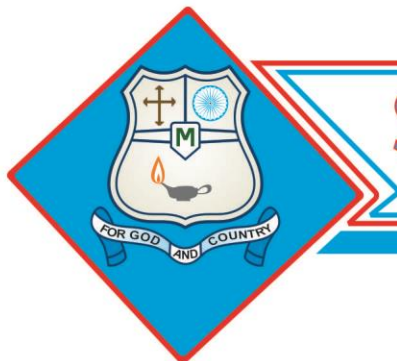


Syllabus for the year 2020-2021

Subject : Chemistry

Class- XI

April, May	:	1. Some basic Concepts of Chemistry.
May-June	:	2. Structure of Atom
July- August	:	1. Classification of Elements 2. Chemical & Molecular Bonding
August-September	:	3. State of Matter 4. Thermodynamics
September-Oct.	:	5. Equilibrium 6. Hydrogen
October-Nov.	:	7. Redox Reaction 8. S-Block Elements
Nov.-Dec.	:	9. P-Block elements 10. Organic Chemistry
Dec.-Jan.	:	11. Hydrocarbons 12. Environmental Chemistry



Syllabus for the year 2020-2021

Subject : Mathematics

Class- XI

- April, May** : 1- Set
2- Relations and Functions
- July** : 1. Trigonometric Functions
2. Principle of Mathematical Induction
3. Complex Number and Quadratic Equations
- August** : 4. Linear Inequalities
5. Permutation and Combination
6. Binomial Theorem

EXAM/REVISION WILL BE HELD IN THE MONTH OF SEPTEMBER-2020

Syllabus for Half Yearly Examination/Term-2 Examinations

Quarterly/Term-1 Syllabus+)

- October** : 7. Sequence and Series
8. Sequence and Series
- November** : 9. Conic Section
10. Introduction to 3D Geometry

EXAM /REVISION WILL BE HELD IN THE MONTH OF NOVEMBER/DECEMBER-2020

Annual Examination

Quarterly and Half yearly Syllabus

- January** : 11. Statistics
12. Probability
- February** : 16. Infinite Series

Exam/Revision will be held in the month of February/March-2021



Syllabus for the year 2020-2021

Subject : Economics

Class- XI

April	:	<u>Micro Economics</u> Ch.-1 Economics and Economy Ch.-2 Central Problems of an Economy
May	:	<u>Micro Economics</u> Ch.-3 Consumer's Equilibrium-Utility analysis Ch.-4 Consumer's equilibrium-Indifference curve analysis Ch.-5 Theory of demand Ch.-6 Price elasticity of demand
July	:	<u>Statistics for Economics</u> Ch.-1 Concept of Economics and significance of statistics in Economy Ch.-2 Collection of data Ch.-3 Census and sample methods of collection of data
August	:	<u>Statistics for Economics'</u> Ch.-9 Measures of central tendency-Arithmetic mean Ch.-10 Measures of central tendency-Median and mode
September	:	<u>Micro Economics</u> Ch.-7 Production function and returns to a factor Ch.-8 Concepts of cost
October	:	<u>Micro Economics</u> Ch.-9 concepts of revenue Ch.-10 Producer's equilibrium



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November

: **Micro Economics**

Ch.-11 Theory of supply

Statistics for Economics

Ch.-4 Organisation of data

Ch.-5 Presentation of data -Textual and tabular Presentation

Ch.11 Measures of dispersion

Ch.-12 Correlation

January

: **Micro Economics**

Ch.-12 Forms of market

Ch.-13 Market equilibrium under perfect competition and effects of shifts in demand and supply

Statistics for Economics.

Ch.-6 Diagrammatic presentation of data : bar diagram and pie diagram

Ch.-7 Frequency diagram : Histogram, PllYGON and ogive

February

: **Statistics for Economics**

Ch.-8 Arithmetic line-graphs or time series graphs

Ch.-13 Index Number



Syllabus for the year 2020-2021

Subject : Biology

Class- XI

Month	Lesson No.	Lesson Name
April to June	1, 2 & 8	1. The living world 2. Biological Classification 3. The cell
July	9 & 10	9. Biomolecules 10. cell Cycle
August	3, 5 & 6	3. Plant Kingdom 5. Morphology of Flowering Plants 6. Avatomy of Flowering Plants
August End	Assessment	
September	4, 7 & 11	4. Animal Kingdom 7. Structural Organization In Animals. 11. Transport In plants
October	12, 13, 14	12. Mineral & Nitrogen Nutrition 13. Photosynthesis in Plant 14. Respiration
October	Assessment	
November	15, 16, & 17	15 Plant Grouwth and Development 16. Digestion 17. Respiration in Human Beings.
December	18 & 19	13. Circulating Fluid 19 Excretory Systems



December	Assessment	
January	20, 21 & 22	20 Locomotion & Movement 21. Nervous system 22. Endocrine System

Subject : Accountancy

Class- XI

July	:	13. Accounting Principles 14. double entry system
August	:	Sources of Documents Journal
September	:	13. Cash Book 14. Subsidiary Books.

SYLLABUS - XI

ENGLISH (2020-21)

May & June

1. The Portrait of a Lady
2. The Summer of the Beautiful White Horse
3. Poem- A Photograph
4. Letters of Enquiry, Complaint, Placing Order, To School/College Authorities



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July

1. We are not afraid to die... If we can all betogether
2. TheAddress
3. Notice
4. Letters toEditors

August

1. Discovering Tut: The SagaContinues
2. Poem – The LaburnumTop
3. Posters
4. Determiners

September

1. Ranga'sMarriage
2. Poem – The Voice of theRain
3. Note –Making
4. Advertisements

October

1. Landscape of theSoul
2. The BrowningVersion
3. Advertisements
4. Modals

November

1. Albert Einstein atSchool
2. The Ailing Planet: The Green Movement'sRole
3. Speech Writing & Articlewriting
4. Tenses



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December

1. Mother's Day
2. The Adventure
3. Poem - Childhood
4. Tenses

January

1. Silk Road
2. The tale of Melon City
3. Active Passive Voice
4. Debate Writing
5. The Ghat of the Only World

February

1. Birth
2. Poem – Father to Son
3. Report Writing

Job Application

Class 11 Computer Science (083)

Sno	Month Name	Chapter Name
1.	April	Getting started with Python
2.	May	Python Fundamental
3.	June	Data Handling
4.	July	Conditional and Iterative Statements
5.	August	Strings in Python
6.	September	List and Tuples
7.	October	Dictionary and Sorting Algorithm
8.	November	Cyber Security
9.	December	Data Representation and Boolean Logic
10.	January	Computer System Overview and Insight into Program execution



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Physical Education

- July- Chapter-3 Physical Fitness, Wellness & life Style
Chapter-4 Physical Education & sports for CWSN
- August - Chapter-5 Yoga
- September- Chapter- 6 Physical activity and Leadership Training
- October- Chapter-7 Test, Measurement and Evaluation in sports.
- November- Chapter-8 Fundamental of Anatomy, Physiology and Kinesiology in sports
- December- Chapter-9 Psychology and sports
- January- Chapter-10 Training and doping in sports.

