

## SYLLABUS FOR 2021-22

Class:-XI

### ENGLISH

Lect. Zeenat Khan		Flamingo & Hornbill	
Month	Prose	Poem	Grammar
April	The Portrait Of The Lady ( <i>Khushwant Singh</i> ) The Summer Of The Beautiful White Horse ( <i>William Saroyan</i> )	A Photograph ( <i>Shirley Toulson</i> )	Tenses, Poster
May-June	We Are Not Afraid To Die If We Can All Be Together ( <i>Gordon Cook and Alan East</i> ) The Address ( <i>Marga Minco</i> )		Determiners, advertisement
July-Aug	Discovering Tut: The Saga Continues ( <i>A.R. Williams</i> ) Ranga's Marriage ( <i>Masti Venkatesha Iyengar</i> )	The Laburnum Top ( <i>Ted Hues</i> )	Punctuation, Notice
September	The Landcape Of The Soul ( <i>Nathalie Trouveroy</i> ) Albert Einstein At School ( <i>Patrick Pringle</i> )	The Voice Of The Rain ( <i>Walt Whitman</i> )	Modals, E-mail
October	Revision For T1		
<b>1<sup>st</sup> Term Exams</b>			
November	The Ailing Planet: The Green Movement's Role ( <i>Nani Palkhivala</i> ) Mother's Day ( <i>J.B.Pristley</i> )	Childhood ( <i>Markus Natten</i> )	Conjunctions Letter Writing
December	The Browning Version ( <i>Terence Rattigan</i> ) The Ghat Of The Only World ( <i>Amitav Ghosh</i> )	The Tale Of Melon City ( <i>Vikram Seth</i> )	Prepositions Essay Writing
January	The Adventure ( <i>Jayant Narilikar</i> ) Birth A.J. Cronin	Father To Son ( <i>Elizabeth Jennings</i> )	Paragraph Writing
February	The Silk Road ( <i>Nick Middelton</i> )		
March	Revision For T2		
<b>2<sup>nd</sup> Term Exams</b>			

## SYLLABUS FOR 2021-22

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### CHEMISTRY

Month	Chapter	Experiment
April	Some basic concepts of chemistry Atomic structure	Basic Lab. Techniques
May	Classification and periodicity of elements Chemical bonding	Characterization and purification of chemical substances
June-July	States of matter	PH of samples
August	Thermodynamics Equilibrium	To study Reaction involving equilibrium
September	Redox Hydrogen	Titration
October	S & p- block elements	Qualitative Analysis-1
<b>1<sup>st</sup> Term Exams</b>		
November	Hydrocarbons Some basic principles and techniques	Qualitative Analysis-2
December	Environmental chemistry Revision	Revision
Jan-Feb	Revision	
<b>2<sup>nd</sup> Term Exams</b>		

## SYLLABUS FOR 2021-22

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### BIOLOGY

Month	Topic /Lesson	Experiments/Practicals
April	1.The living world 2. Biological Classification 3. Kingdom Plantae	1) Study of different parts of a compound microscope.
May-June	4. Kingdom Animalia 5.Morphology of Flowering Plants 6. Anatomy of Plants	2) Study of preserved specimen and identification with reason. 3)Preparation of blood smear
July-August	7. Structural organization in Animals. 8.Cell-The Basic Unit of Life	4) Study of plant cell with the help of chart/ model. 5) Study of animal cell with the help of char/ model.
September	9.Biomolecules 10.Cell division 11.Transport in Plants	6) Study of three locally available flowers from the different families.
October	12.Mineral Nutrition 13.Photosynthesis in Plants 14.Plant Growth and Development	7) Visit to any Botanical garden /zoological park. 8) Study of different blood groups.
<b>1<sup>st</sup> Term Exams</b>		
November	15.Respiration in Plants 16.Digestion and Absorption 17.Breathing and Exchange of gases	9) Study of modifications in root and stem and leaves. 10) Study of rate of transpiration.
December	18.Excretion 19.Locomotion and Movement 20. Body Fluids and Circulation.	11)Study of mitosis and meiosis from permanent slides.
January	21.Neural Control and Coordination 22.Chemical Control and Coordination	12) Study of T.S. Of monocot and dicot root, stem and leaves.
February	Revisions	
<b>2<sup>nd</sup> Term Exams</b>		

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### PHYSICS

Month	Topic	Experiments
April	Mathematical Tools	To measure the diameter of small spherical body using vernier callipers.
May	Physical World and Measurement	To measure the volume of small cylindrical body using vernier callipers.
June	Kinematics-1	To measure the diameter of given wire using screw Gauge.
July	Kinematics-2	To measure thickness of given sheet using screw Gauge.
August	Laws of Motion	To measure radius of curvature of a given spherical surface using spherometer
September	Work, Energy and Power	To find coefficient of friction.
October	Motion of System of Particles and Rigid Body	To find surface tension of water using capillary rise method.
<b>1<sup>st</sup> Term Exams</b>		
November	Gravitation	To find speed of sound in air using resonance tube.
December	Properties of Bulk Matter	To study relation between the length of given wire and tension using sonometer.
January	Thermodynamics	To find force constant of a spring.
February	Behaviour of Perfect Gas and Kinetic Theory Oscillation and Waves	
Jan-Feb	Revision	
<b>2<sup>nd</sup> Term Exams</b>		

## SYLLABUS FOR 2021-22

Class:-XI

### ECONOMICS AND STATISTICS

Month	Topic
April	1. Concept of Economics and Significance of Statistics in Economics 2. Collection of Data 3. Census and Sample Methods of Collection of Data
May	4. Organisation of Data 5. Presentation of Data -Textual and Tabular
July – Aug	6. Diagrammatic Presentation of Data – Bar Diagrams and Pie Diagrams 7. Frequency Diagrams – Histogram, Polygon and Ogive 8. Arithmetic Line- Graphs or Time Series Graphs 9. Measures of Central Tendency – Arithmetic Mean 10. Measures of Central Tendency - Median and Mode
September	11. Measures of Dispersion 12. Correlation 13. Index Numbers 14. Mathematical Tools Used in Economics
October	Revision
<b>1<sup>st</sup> Term Exams</b>	
<b>Book: Indian Economic Development</b>	
October	1. Indian Economy on the Eve of Independence 2. Five Year Plans In India: Goals and Achievements 3. Features, Problems and Policies of Agriculture
November	4. Strategy of Industrial November Growth (1947-1990) 5. India's Foreign Trade 6. Economic Reforms since 1991 or New Economic Policy 7. Poverty 8. Human Capital Formation in India 9. Rural Development 10. Employment and Unemployment 11. Inflation: Problems and Policies
December	12. Infrastructure 13. Environment and Sustainable Development 14. Development Experience of India - Pakistan and China – Comparative Study
January	Revision And Mock Tests
February	Revision
<b>2<sup>nd</sup> Term Exams</b>	

## SYLLABUS FOR 2021-22

Class:-XI

### BUSINESS STUDIES

Month	Topic
April	Nature And Purpose Of Business Forms Of Business Organizations Private, Public And Global Enterprises
May-June	Business Services Emerging Modes Of Business
July - August	Social Responsibilities Of Business And Business Ethics
September	Formation Of A Company Sources Of Business Finance
October	Small Business Organizations
<b>1<sup>st</sup> Term Exams</b>	
November	Internal Trade International Trade
December-Jan-Feb	Revision
<b>2<sup>nd</sup> Term Exams</b>	

### COMPUTER

Month	Topic
April	Computer Fundamentals Software Concepts
May	Operating System Memory Concepts
July	Programming methodology
August	Introduction to C++ Getting started
September	Data Types, Variables and Constants Operators and Expressions
October	Programming in C++ User Defined functions Structured Data Type : Array
<b>1<sup>st</sup> Term Exams</b>	
November	Structures
Dec-Jan-Feb	Revision
<b>2<sup>nd</sup> Term Exams</b>	

## SYLLABUS FOR 2021-22

Class:-XI

### ACCOUNTS

Month	Topics
April	Ch-1 Introduction to Accounting Ch-2 Origin of Transactions Ch-3 Theory Base of Accounting Ch-4 Accounting Equation and Rules of Debit & Credit Ch-5 Journal
May	Ch-6 Accounting For Goods and Services Tax(GST) Ch-7 Ledger Ch-8 Subsidiary Books- Cash Books Ch-9 Other Subsidiary Books
June to July	Ch-10 Journal Proper Ch-11 Trial Balance Ch-12 Bank Reconciliation Statement
August	Ch-13 Depreciation Ch-14 Provisions And Reserves
September to October	Ch-15 Bills Of Exchange Ch-16 Rectification Errors
<b>1<sup>st</sup> Term Exams</b>	
November	Ch-17 Financial Statements (Without Adjustments) Ch-18 Financial Statements (With Adjustments)
December	Ch-19 Accounts From Incomplete Records Ch-20 Finance Statements of Not-For-Profit Organisations
January	Ch-21 Introduction To Computer and AIS Ch-22 Automation of Accounting Process Ch-23 Data Base System Revision And Mock Test
February	Revision And Mock Test
<b>2<sup>nd</sup> Term Exams</b>	

## SYLLABUS FOR 2021-22

Class:-XI

### POLITICAL SCIENCE

<b>Book - A</b>	
<b>Month</b>	<b>Topic</b>
April	L. No. 1 Making of the Constitution L. No. 2 Fundamental Rights
May-June	L. No. 3 System of Representational Democracy L. No. 4 Executive in Parliamentary System L. No. 5 Legislature
July-August	L. No. 6 Judiciary L. No. 7 Federalism L. No. 8 Local Government L. No. 9 Philosophy of the Constitution
September	L. No. 10 Constitution as a Living Document L. No. 11 Introduction to Political Theory L. NO 12 Freedom
<b>Book - B [Political Theory]</b>	
October	L. No. 13 Equality L. No. 14 Social Justice
<b>1<sup>st</sup> Term Exams</b>	
November	L. No. 15 Rights L. No. 16 Citizenship L. No. 17 Nationalism L. No. 18 Secularism
December	L. No. 19 Peace L. No. 20 Development
Jan-Feb	Revision
<b>2<sup>nd</sup> Term Exams</b>	



## SYLLABUS FOR 2021-22

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### PUBLIC ADMINISTRATION

Month	Topic
April	Introduction Meaning/ Scope
May-June	Approaches Classical Thought
July-August	Human Relation
September	Principles
October	Concept
<b>1<sup>st</sup> Term Exams</b>	
November	Public Policy Financial Administration
December	Accountability And Citizen Administration
Jan-Feb-March	Revision
<b>2<sup>nd</sup> Term Exams</b>	

### MATHS

Month	Topic
April	Sets
May	Relations and functions
July + August	Trigonometric Functions Principle of Mathematical Induction Complex Numbers and Quadratic Equations
September	Linear Inequalities Permutations and Combinations
October	Binomial Theorem + Revision of T-1 Syllabus
<b>1<sup>st</sup> Term Exams</b>	
November	Sequences and Series Straight Lines
December	Conic Sections Introduction to Three Dimensional Geometry
January	Limits and Derivatives Mathematical Reasoning
February	Revision of T-2 syllabus.
<b>2<sup>nd</sup> Term Exams</b>	

## SYLLABUS FOR 2021-22

Class:-XI

### VALUE EDUCATION

Month	Topic
April	I Make Difference
May	Be on Line
July-August	Taste and see
September	Give Yourself to other
October	Difference Complement
<b>1<sup>st</sup> Term Exams</b>	
November	Human Right
December	Empower Rights
Jan-Feb-March	Revision
<b>2<sup>nd</sup> Term Exams</b>	

### PHYSICAL EDUCATION

Month	Topic
May	Concept of Physical Education Psychological Aspects of Physical Education
June & July	Career Aspects in Physical Education
August	Physiological Aspects of Physical Education Health and Family Education
September	Concept of Major Games/ Sports
October	Practical and Revision
<b>1<sup>st</sup> Term Exams</b>	
November & December	National Games Olympic Games
January & February	Diet and Its Importance in Physical Development Common Sports Injuries and Rehabilitation and Practice
<b>2<sup>nd</sup> Term Exams</b>	