

SYLLABUS FOR 2021-22

Class:-XII

ENGLISH

Month	Prose	Poem	Grammar
April	The Last Lesson (Alphonse Daudet) The Third Level (Jack Finney)	My Mother At Sixty Six (Kamla Das)	Tenses, Formal & Informal Invitations
May-June	The Lost Spring (Anees Jung) The Tiger King (Kalki)	An Elementary School Classroom In A Slum (Stephen Spender)	Narration, Advertisement
July-Aug	Deep Water (William Douglas) Journey To The End Of The Earth (Tishani Doshir)	Keeping Quiet (Pablo Neruda)	Change of voice Resume with Job Application
September	The Rattrap (Selma Lagerlof) The Enemy (Pearl S. Buck)	A Thing Of Beauty (John Keats)	Reflexive pronouns, Article
October	Revision For T1		
1st Term Exams			
November	Indigo (Louis Fischer) Should Wizard Hit Mommy (John Updike)	A Roadside Stand (Robert Frost)	Conjunctions Letter Writing Debate Speech
December	Poets And Pancakes (Asokamitran) On The Face Of It (Susan Hill)	Aunt Jennifer's Tiger (Adrienne Rich)	Prepositions Humorous writing
January	Evans Tries An O-Level (Colin Dexter) The Interview Part I (Christopher Silvester) Part II (Umberto Eco)		Personality Profile Personal Experience
February	Going Places (A.R. Barton) Memories Of Childhood *The Cutting Of My Long Hair (Zikala-Sa) * We Too Are Human Beings (Bama)		
March	Revision For T2		
2nd Term Exams			

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CHEMISTRY

Month	Chapter	Experiment
April	Haloalkenes & Haloarenes; Alcohols, phenols & Ether	1. Volumetric Analysis (Titration)
May	Aldehyde, ketones and carboxylic acids Amines	2. To study the rate of reactions - Clock reaction 3. To study the cell potential of electrochemical cell
June-July	d & f - block elements	4. To Prepare Potash alum.
August	p-block elements & Surface Chemistry	5. Preparation of one lyophilic and one lyophobic sol - Starch/gum/egg albumin.
September	Coordination Chemistry ; & General principles in Extraction of metal + Revision	6. To prepare Acetanilide o P-nitroacetanilide.
October	Solid state & solution	7. Functional group analysis - Alcoholic/phenolic/aldehydic/ Ketonic, Carboxylic & amino.
1st Term Exams		
November	Electrochemistry	8. Qualitative Analysis. - To determine one cation & anion in a given salt.
December	Biomolecules/ polymer Revision	9. Project work - Common Food adulterants Quantity of Casein in milk Preparation of Soyabean milk
Jan-Feb		Revision
2nd Term Exams		

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BIOLOGY

Month	Lesson No./Chapter	Experiment/Practicals
April	1) Human Reproduction 2) Reproductive Health	1) Study of pollen germination on a slide. 2) Identification of stages of gamete development through permanent slides.
May-June	1) Principle of Inheritance and Variation 2) Molecular Basis of Inheritance	1) Preparation of temporary mount of onion root tip. 2) Study of flowers adapted to pollination by different agencies.
July-August	1)Evolution 2)Human Health and Diseases	1) Study of plant population density and frequency by Quadrate method.
September	1)Biotechnology: Principles and Processes 2)Biotechnology and its Applications	1)Field visit 2) Prepared Pedigree charts of genetic traits.
October	1)Strategies for Enhancement in food production 2)Microbes in Human Welfare	1) Observation of T.S Blastula through permanent prepared slide. 2) Identification of common diseases causing organisms.
1st Term Exams		
November	1)Organisms and Population 2)Ecosystem 3)Biodiversity and conservation	1) To study the effect of the different temperature & PH on the activity of Salivary amylase on starch.
December	1)Environmental issues Revisions	Pre – boards
Jan-Feb		Revision
2nd Term Exams		

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PHYSICS

Month	Topic	Experiments
April	Electrostatics	To determine Resistance per cm of given Wire using Ohm's law.
May	Current electricity	To find resistance of a given wire using metre bridge and hence find resistivity. To verify laws of combination of resistance Using metre bridge.
June	Magnetics effects of current and Magnetism	To determine emf of two given primary cell Using potentiometer.
July	Electro-magnetic induction and AC	To determine internal resistance of a given cell using potentiometer.
August	EM Waves	To find focal length of a convex mirror.
September	Optics	To find focal length of a concave lens.
October	Dual nature of matter and radiation	To find the focal length of convex lens by plotting a graph between u and v. To find angle of minimum deviation.
1st Term Exams		
November	Atoms and Nuclie	To determine refractive index of a glass slab using a travelling microscope.
December	Electronic Devices	To draw I-V characteristics curve of a p-n junction in forward bias and reverse bias.
January	Communication	To draw the characteristic curve of a zener diode and determine its reverse breakdown voltage.
February	Revision	
2nd Term Exams		

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BUSINESS STUDIES

Month	Topic / Chapter No.
April	3. Business Environment 4. Planning
May - June	5. Organising 6. Staffing
July - August	7. Directing 8. Controlling
August	9. Financial Management 10. Financial Markets
September	11. Marketing Management
October	12. Consumer Protection
1st Term Exams	
November	Revision
December	Mock Test
January	Mock Test
February	Revision
2nd Term Exams	

MATHS

Month	Topic / Chapter No.
April	Matrices
May + June	Determinants and Continuity and differentiability
July + August	Application of derivatives and Relations and Functions Inverse Trigonometric function
September	Integral and Probability.
October	Applications of integrals Differential equations
1st Term Exams	
November	Three dimensional geometry Linear programming
December	Vector algebra+ Revision
Jan-Feb	Revision
2nd Term Exams	

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ECONOMICS

Micro Economics	
Month	Topic
April	4.Theory of Demand 5.Price Elasticity of Demand 6.Production Function and Returns to a Factor
May-June	7.Concepts of Cost 8.Concept of Revenue 9.Producer's Equilibrium
July-August	10.Theory of Supply 11.Forms of Market 12.Market Equilibrium Under Perfect Competition and Effects of Shifts in Demand and Supply
Macro Economics	
September	1. Some Basic Concepts of Macroeconomics 2.National Income and Related Aggregates 3.Methods of Calculating National Income
October	4.Money and Supply of Money 5.Banking:Commercial Banks and the Central Bank 6. Aggregate Demand and its Components
1st Term Exams	
November	7. Short Run Equilibrium Output 8. Problem of Deficient Demand and Excess Demand 9. Government Budget and the Economy
December	10.Foreign Exchange Rate 11.Balance of Payments
January	Revision And Mock Tests
February	Revision
2nd Term Exams	

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ACCOUNTS

Month	Topics (Part A)
April	Ch-1 Partnership Basic Concepts Ch-2 Goodwill – Nature & Valuation Ch-3 Reconstitution of Partnership
May	Ch-4 Admission of a Partner Ch-5 Retirement & Death of a partner
June to July	Ch-6 Dissolution of Partnership Firm Ch-7 Share capital Issue of share capital
August	Ch-8 Issue of Debentures Ch-9 Redemption of Debentures
Part B	
September to October	Financial Statement Analysis
1 st Term Exams	
November	Revision of Part A
December	Revision of Part B
Jan-Feb	Revision
2 nd Term Exams	

PUBLIC ADMINISTRATION

Month	Topic
April	Ch -1. Historical Background
May-June	Ch -2. Indian Constitution. Ch -3. Central Administration
July-August	Ch -4. Personnel Administration In India Ch -5. Planning In India
September	Ch -6. Centre –State Relationship Ch -7. State Administration
October	Ch -8. District Administration
1 st Term Exams	
November	Ch -9. Rural And Urban Government Ch -10. E- Governance
Dec-Jan-Feb	Revisions
2 nd Term Exams	

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POLITICAL SCIENCE

Month	Topic/ Lesson No.
April	L.No 1. Cold war Era In World Politics L. No.2 –Disintegration Of Second World & Collapse L.No 3 –US Dominance In World Politics.
May-June	L.No -4 .Alternative Centres Of Economic &Political Power L.No.5-South Asia In The Cold War Era L.No.6 –International Organisation In A Unipolar World L.No 7- Security In Contemporary World
July-August	L.No-8 Globalisation And Its Critics L.No-9 Environment And Natural Resources L.No.10 Nation Building And Its Problems .
September	L.No 11 Era Of One Party Dominance L.No.12 Politics Of Planned Development L.No.13 India s External Relations
October	L.No -14 Challenges And Restoration Of Congress System L.No 15 Crisis Of Constitutional Order
1st Term Exams	
November	L.No 16 Regional Aspirations &Conflicts L.No.17 .Rise Of New Social Movement L.No 18 – Recent Developments In Indian Politics
Dec-Jan-Feb	Revision
2nd Term Exams	

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PHYSICAL EDUCATION

Month	Topic
April	Concept of physical fitness
May	Training Methods
July & August	Sociological Aspects of Physical Education
September	Moral Education
October	Sports & Environment
1st Term Exams	
November	Yoga & Practices
December	Concepts OF Major Games & Sports: 7.1:- Cricket 7.2:- Athletics 7.3:- Basketball 7.4:- Table Tennis
January	Sports Medicine , FIRST Aid & Rehabilitation
February	Revision
2nd Term Exams	

VALUE EDUCATION

Month	Topic
April	L8.My Body- A Gift
May	L9.Fascinating Illusion
July	L10.Caught in the Net
August	L11.Earth's Future in My Hands
September	L12.Real and Reel Violence
October	L13.Sex in Media
1st Term Exams	
November	L14.Lights of the World
Dec-Jan-Feb	Revision
2nd Term Exams	

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COMPUTER

Month	Topic
April	Programming in C++ Object Oriented Programming
May	Implementation of OOP concepts in C++ Constructor and Destructor
July	Inheritance(Extending Classes) Pointers
August	Data Structures Arrays Stacks Databases and SQL
September	Database Concepts Structured Query Language SQL Commands Boolean Logic
October	Communication and open source Data communication Technologies Transmission Media Networking devices Network Topologies and types
1st Term Exams	
November	Network Protocol Network Security Concepts Web Service Open Source Terminologies
Dec-Jan-Feb	Revision
2nd Term Exams	