



NEW HORIZON SCHOLARS SCHOOL
&
NEO KIDS (AIROLI)

Syllabus 2023 – 2024

Grade XII

Subject : English			
Month	Literature	Grammar	Writing Skill
April	L-1 The last lesson (Alphonse Daudet)Prose	Past perfect(had said)	Notice writing
	L-1The Third Level (Jack Finney) supplementary reader		letter writing for job application with biodata,letter writing to the editor
	1.My mother at sixty six (Kamala Das) Poetry	lyrical idiom	In lyrical idiom,lyrical would imply expressing emotions in an imaginative and beautiful manner.
June	L-2 Lost Spring by Anees Jung(prose) Keeping Quiet L-3 (Poem) byPablo Neruda	poetical prose into a literary experience	Note -making
	L-2The Tiger King (Kalki) Supplementary reader	The literary devices of dramatic irony and humour to create the effect.	Report writing and Article writing
	PA I		
July	L-3Deep water,by William Douglas(Prose) 4. A Thing of beauty by John Keats(poem)	Focus on First Person Narrative Rhyming scheme	First person narration of personal experience
	L-3Journey to the end of the Earth by Tishani Doshi Supplementary reader		Invitations and Replies
	L-4The Rattrap by Selma Lagerlof (prose)	Focus on the uses of the reflexive pronoun	small group discussion on the portrayal of characters in fiction.
August	L-5 Indigo by Louis Fischer (Prose) L.5 A Roadside Stand (Poem)		Invitations and Replies
	L-4 The Enemy by Pearl S.Buck (Supplementary reader)		Unseen Passage
	L-8 Memories of childhood -The cutting of my long Hair We Too are Human Beings		
September	TERM I		
	6. On the face of it (supplimentary reader)		
	L-6 Poets and Pancakes by Asokamitran (prose)		Practice writing in the humorous thematic coherence.
October	L-7 The Interview Part 1,Part 2 By Christopher Silvester		Interview a person whom you admire .
	L-8 Going placesBy A.R Barton(Prose)	Present Participle form	
	Aunt Jennifer's Tigers by Andrienne Rich		
November	PA-II		
	REVISION		
	PRELIM 1		
December	PRELIM 1		
January	PRELIM 2		
February	REVISION		

Subject : Physics		
Month	Chapter No.	Name of the Chapter
June	1	Electric charges and fields
	2	Electrostatics Potential and capacitance
	PA I	
July	3	Current Electricity
	4	Moving Charges And Magnetism
	5	Magnetism and matter
August	6	Electromagnetic Induction
	7	Alternating Current
	8	Electromagnetic Waves
September	TERM I	
	9	Ray optics and optical instruments
	10	Wave optics
	11	Dual nature of radiation and matter
October	12	Atoms
	13	Nuclei
	14	Semiconductors
	PA-II	
November	REVISION	
December	PRELIM 1	
January	PRELIM 1	
February	REVISION	

Subject : Chemistry

Month	Chapter No.	Name of the Chapter
April	2	Solutions
	3	Electrochemistry
	4	Chemical kinetics
June	10	Haloalalkanes and Haloarenes
	PA I	
July	11	Alcohol, Phenol and Ether
	12	Aldehyde, Ketone and Carboxylic Acid
August	13	Amines
September	TERM I	
	13	Amines Revision
October	8	The d- and f-block elements
	9	Coordination Compounds
	PA-II	
November	REVISION	
December	PRELIM 1	
January	PRELIM 2	
February	REVISION	

Subject: Mathematics		
Month	Chapter No.	Name of the Chapter
April	3	Matrices
	4	Determinants
June	1	Relations and Functions
	2	Inverse Trigonometric Functions
	PA I	
July	5	Continuity and Differentiability
	6	Applications of Derivatives
August	7	Integrals
	8	Applications of Integrals
September	TERM I	
	9	Differential Equations
	10	Vector Algebra
October	11	Three Dimensional Geometry
	12	Linear Programming
	13	Probability
	PA II	
November	REVISION	
December	PRELIM 1	
January	PRELIM 2	
February	REVISION	

Subject: Applied Mathematics		
Month	Chapter No.	Name of the Chapter
April	1	Numbers, Quantification and Numerical Applications
	2	Numerical inequalities
June	3	Matrices
	PA I	
	4	Determinent
	5	Differentiation
	6	Applications of Derivatives
July	7	Integrals
	8	Differential Equations
August	8	Differential Equations
	9	Probability
September	TERM I	
	10	Inferential Statistics
	11	Time - based Data
October	12	Perpetuity, Sinking Funds, Bonds and EMI
	13	Returns, Growth and Depreciation
	14	Linear Programming
	PA II	
November	REVISION	
December	PRELIM 1	
January	PRELIM 2	
February	REVISION	

Subject : Biology		
Month	Chapter No.	Name of the Chapter
April	1	Sexual Reproduction in Flowering Plants
	2	Human Reproduction
June	3	Reproductive Health
	12	Ecosystem
	PA I	
July	4	Principles of Inheritance and Variation
	5	Molecular Basis of Inheritance
August	6	Evolution
	7	Human Health and Diseases
September	TERM I	
	8	Microbes in Human Welfare
	9	Biotechnology - Principles and Processes
October	10	Biotechnology and its Applications
	11	Organisms and Populations
	13	Biodiversity and Conservation
	PA II	
November	REVISION	
December	PRELIM 1	
January	PRELIM 2	
February	REVISION	

Subject : Computer Science		
Month	Chapter No.	Name of the Chapter
April	11	Relational Databases
	12	Simple Queries in SQL
	13	Table Creation and Data Manipulation Commands
	14	Grouping Records, Joins in SQL
	15	Interface Python with MySQL
June	1	Python Revision Tour
	2	Python revision Tour II
	PA I	
July	3	Working With Functions
August	5	File Handling
September	TERM I	
	9	Data structures II – Stacks using Lists
October	10	Communication & Networking Concepts
	PA II	
November	REVISION	
December	PRELIM 1	
January	PRELIM 2	
February	REVISION	

Subject : Informatics Practices		
Month	Chapter No.	Name of the Chapter
April	6	MySQL Functions
	7	Querying using SQL
	8	SQL Joins
June	1	Python Pandas - I
	PA I	
July	2	Python Pandas - II
August	3	Plotting with PyPlot
September	TERM I	
	4	Importing / Exporting Data between CSV Files and DataFrames
October	9	Introduction to Computer Networks
	10	Introduction to Internet and Web
	11	Societal Impacts
	PA II	
November	REVISION	
December	PRELIM 1	
January	PRELIM 2	
February	REVISION	

Subject : Economics		
Indian Economics		
Month	Chapter No	Chapter Name
March	1	India on eve of Independence
April	2	Indian economy (1950-1990)
June	PA I	
	3	Liberalisation, Privatisation & Globalisation
July	4	Human Capital Formation
August	5	Rural Development
September	TERM I	
	6	Employment
October	7	Environment & Sustainable development
	PA II	
November	8	Comparative development experience of India & its neighbours
	REVISION	
December	PRELIM 1	
January	PRELIM 2	
February	REVISION	

Subject : Economics		
Macro Economics		
Month	Chapter No	Chapter Name
March	5	Money
April	1	Circular flow of income
June	PA I	
	2	Basic concepts of macroeconopmics
July	3	National income & related aggregates
	4	Measurement of National Income
August	6	Banking: Commercial & Central banks
	10	Government budget
September	TERM I	
	7	Aggregate demand & related concepts
October	8	Income determination & Multiplier
	9	Excess demand & deficient demand
	PA II	
November	11	Foreign exchange rate
	12	Balance of payments
REVISION		
December	PRELIM 1	
January	PRELIM 2	
February	REVISION	

Subject : Accountancy		
Month	Chapter No.	Name of the Chapter
April	Part 1---2	Accounting for Partnership Firm : Fundamentals
	Part 1---2	Goodwill : Nature and Valuation
June	Part 1---3	Change in Profit-Sharing Ratio Among the Existing Partners
	Part 1---4	Reconstitution of a Partnership firm : Admission of a Partner
	PA I	
July	Part 1---5	Retirement of a Partner
	Part 1---6	Death of a Partner
August	Part 1---7	Dissolution of a Partnership Firm
	Part 2---5	Accounting Ratios
September	Part 2---1	Accounting of Share Capital
	Part 2---2	Issue and Redemption of Debentures
	TERM I	
October	Part 2---3	Financial Statements of a Company
	Part 2---4	Analysis of Financial Statements
	PA II	
November	Part 2---6	Cash Flow Statement
	REVISION	
December	PRELIM I	
January	PRELIM II	
February	REVISION	

Subject : Business Studies		
Month	Chapter No.	Name of the Chapter
April	1	Nature & significance of Management
	2	principles of Management
June	3	Business Environment
	PA I	
	4	Planning
July	5	Organising
	6	Staffing
August	7	Directing
	8	Controlling
September	9	Financial Management
	10	Financial Markets
	TERM I	
October	11	Marketing Management
	12	Consumer Protection
	PA II	
November	REVISION	
December	PRELIM I	
January	PRELIM II	
February	REVISION	

Subject : Financial Markets Management		
Month	Chapter No.	Name of the Chapter
April	(FMM)chp 1	Introduction to Indian securities market and trading membership
	(Employability Skills) Unit 1	Communication skills-IV
June	PA I	
	(Employability Skills) Unit2	Self management skills-IV
	(FMM)Chp 2	Trading
	(Employability Skills) Unit 3	ICT Skills-IV
July	(FMM)chp 3	Clearing settlement and legal framework
	(Employability Skills) Unit 4	Entrepreneurial Skills-IV
August	(FMM)Chp 4	Financial statement analysis
	(Employability Skills) Unit 5	Green Skills-IV
September	(FMM)Chp 5	Introduction to derivatives
	TERM I	
October	(FMM)Chp 6	Future contract mechanism and pricing
	PA II	
November	REVISION	
December	PRELIM I	
January	PRELIM II	
February	REVISION	