

SYLLABUS 2025-2026		
CLASS-XII		
SUBJECT - MATHS		
MONTH	TOPIC	EXAM
APRIL	CH-3 MATRICES	
JUNE	CH- 4 DETERMINANTS	CLASS TEST-
	CH-5 DIFFERENTIATION	CH-3, & 4,
JULY	CH-5 DIFFERENTIATION (CONT...)	PT- 1
	CH-6 APPLICATION OF DERIVATIVES	CH-3 & 5
	CH-12 LINER PROGRAMMING	
AUGUST	CH-6 APPLICATION OF DERIVATIVES (CONT...)	
	CH-7 INTEGRALS	
SEPTEMBER	CH-7 INTEGRALS (CONT...)	
	CH-8 APPLICATION OF INTEGRALS	TERM-I EXAM
		CH-3,4,5,6
OCTOBER	CH-9 DIFFERENTIAL EQUATIONS	
	CH-10 VECTORS	
NOVEMBER	CH-11 3 DIMENSIONAL	
	CH-13 PROBABILITY	
DECEMBER	CH- 1 RELATIONS & FUNCTIONS	II- TERM
	CH- 2 INVERSE TRIGNOMETRY	
JANUARY	REVISION	PRE BOARD

SYLLABUS 2025-2026		
CLASS-XII		
SUBJECT - APPLIED MATHS		
MONTH	TOPIC	EXAM
APRIL	CHAPTER - 3 :MATRICES	
JUNE	CHAPTER-4 :DETERMINANTS	
JULY	CHAPTER – 2: NUMERICAL INEQUALITIES	
AUGUST	CHAPTER 1: NUMBERS, QUANTIFICATION.	

	AND NUMERICAL APPLICATIONS.	
	CHAPTER 5: DIFFERENTIATION.	
SEPTEMBER	CHAPTER-6: APPLICATION OF DERIVATIVES	TERM-1
		CH - 1,2,3,4,5
OCTOBER	CHAPTER-7: INTEGRALS	
	CHAPTER-8 :DIFFERENTIAL EQUATIONS.	
NOVEMBER	CHAPTER 9: PROBABILITY	
	CHAPTER 10:INFORENTIAL STATISTICS	
DECEMBER	CHAPTER 11: INDEX NUMBERS AND TIME-BASED DATA	
	CHAPTER 12: PERPETUITY, SINKING	
	FUNDS, BONDS AND EMI	
JANUARY	CHAPTER-13: RETURNS, GROWTH AND DEPRICIATION	
	CHAPTER-14; LINEAR PROGRAMMING	
FEBRUARY	REVESION	

SYLLABUS 2025-2026		
CLASS-XII		
SUBJECT - HINDI		
MONTH	TOPIC	EXAM
अप्रैल	आत्म परिचय भक्तिन, अप्रत्याशित	
	विषयों पर लेखन, जूझ	
जून	पतंग, बाज़ार दर्शन, दिन जल्दी-जल्दी --- .	
जुलाई	कविता के बहाने बात सीधी थी, काले मेघा पानी दें, सिल्वर पेंडिंग	PT-1
	विभिन्न माध्यमों के लिए लेखन	
अगस्त	कैमरे में बंद अपाहिज, पहलवान का ढोलक, उषी, छोटा मेरा खेत बगुलों के पंख	
	पत्रकारोय लेखन के विविध रूप और लेखन	
	प्रक्रिया	
सितंबर	रुबाइयाँ एवं विशेष लेखन स्वरूप एवं प्रकार	TERM-1
अक्टूबर	अतीत में दबे पाँव, शिरीषु के फूल, तुलसीदास के पद, चौपाइयाँ	

नवंबर	श्रम विभाजन और जातिप्रथा, कैसे करें कहानी का नाट्य रूपांतरण	TERM-2
दिसंबर	कैसे बनता है रेडियो नाटक, पुनरावृत्ति एवं अभ्यास	
जनवरी	पुनरावृत्ति एवं प्री-बोर्ड परीक्षी-2026	PREBOARD
फरवरी	बोर्ड - परीक्षां - 2026	

SYLLABUS 2025-2026		
CLASS-XII		
HISTORY		
MONTH	TOPIC	EXAM
APRIL	THEME 1 -BRICKS, BEADS AND BONES	
	THEME 5 - THROUGH THE EYES OF TRAVELLERS.	
JUNE	THEME 10 - COLONIALISM AND THE COUNTRYSIDE	
JULY	THEME 2 - KINGS, FARMERS AND TOWNS	
	THEME -6- BHAKTI - SUFI TRADITIONS	
AUGUST	THEME 3 - KINSHIP, CASTE AND CLASS	
	THEME 11 - Rebels and the Roj	
SEPTEMBER	THEME 7. AN IMPERIAL CAPITAL: VIJAYANAGARA	
	THEME 13 - MAHATMA GANDHI AND NATIONALISTMOVEMENT	
OCTOBER	THEME 4 - THINKERS, BELIEFS AND BUILDINGS	
	THEME 8 - PEASANTS, ZAMINDARS AND THE STATE	
NOVEMBER	THEME 8 UNDERSTANDING PARTITION	
DECEMBER	THEME 15- FRAMING THE CONSTITUTION	

SYLLABUS 2025-2026		
CLASS-XII		
POLITICAL SCIENCE		
MONTH	TOPIC	EXAM
	POLITICS IN INDIA SINCE INDEPENDENCE	

APRIL	CHAPTER 1 -CHALLENGES OF NATION BUILDING	
JUNE,	CHAPTER 2 - ERA OF ONE-PARTY DONURANCE	
JULY	CHAPTER 3 - POLITICS OF PLANNED DEVELOPMENT	
AUGUST,	CHAPTER 4 - INDIA'S EXTERNAL RELATIONS	
	CHAPTER 5 - CHALLENGES TO AND RESTORATION	
	OF THE CONGRESS SYSTEM	
SEPTEMBER	CHAPTER 6 – THE CRISIS OF DEMOCRATIC ORDER	
OCTOBER	CHAPTER 8- REGIONAL ASPIRATIONS	
NOVEMBER	CHAPTER 9 – RECENT DEVELOPMENTS IN INDIAN POLITICS.	
DECEMBER		
	CONTEMPORARY WORLD POLITICS	
APRIL	CHAPTER 2 - THE END OF BIPOLARITY	
JUNE	CHAPTER 4- ALTERNATIVECENTRES OF POWER	
JULY	CHAPTER 5 - CONTEMPORARY SOUTH ASIA	
AUGUST	CHAPTER 6-INTERNATIONAL ORGANISATIONS	
SEPTEMBER	CHAPTER 7 - SECURITY IN THE CONTEMPORARY WORLD	
OCTOBER	CHAPTER 8 - ENVIRONMENT AND NATURAL RESOURCES	
NOVEMBER	CHAPTER 9 -GLOBALISATION	
DECEMBER		

SYLLABUS 2025-2026		
CLASS-XII		
ACCOUNTANCY		
MONTH	TOPIC	EXAM
PART-B		
APRIL	1. Financial Statements of a Company	
	2. Financial Statements Analysis	
	3. Tools of Financial Statements Analysis -	
	Comparative Statements and common-Size	
	Statements	

	4. Accounting Ratios	
JUNE	4. Accounting Ratios	
	5. Cash Flow Statement	
PART- A		
	1. Accounting for Partnership-Fundamentals	
JULY	1. Accounting for Partnership-Fundamentals	PT-1
	2. Goodwill: Nature and valuation	Part-B
	3. Change in Profit-Sharing Ratio Among the Existing Partners	Ch. 1,2,3&4
	4. Admission of a Partner	
AUGUST	4. Admission of a Partner	
	5. Retirement/Death of a Partner	
SEPTEMBER	6. Dissolution of a Partnership Firm	First Term
	7. Company Accounts -Accounting for Share Capital	Part -B
		Ch. 4&5
		Part - A
OCTOBER	7. Company Accounts -Accounting for Share Capital	Ch. 1,2,3,4 & 5
	8. Company Accounts-Issue of Debentures	
NOVEMBER	9. Company Accounts-Issue of Debentures	
	Revision	
DECEMBER	PRE BOARD-I	Second Term
		Part B
		Ch. 4 & 5
JANUARY	PRE BOARD-I I	Part A- Ch. 1-9

SYLLABUS 2025-2026		
CLASS-XII		
BUSINESS STUDIES		
MONTH	TOPIC	EXAM
APRIL	1. Nature and Significance of Management.	
	2. Principles of Management	
	3. Business Environment	
JUNE	4. Planning	
	5. Organising	

JULY	6. Staffing	PT-1
	7. Directing	Ch. 1,2 & 3
AUGUST	7. Directing	
	8. Controlling	
SEPTEMBER	9. Financial Management	First Term
	10. Financial Markets	Ch. 3,4,5,6 &7
OCTOBER	11. Marketing Management	
NOVEMBER	12. Consumer Protection	
DECEMBER	Pre-Board	Second Term
		8 to 12
JANUARY	Pre-Board	Pre-Board
		Full Syllabus

SYLLABUS 2025-2026			
CLASS-XII			
ECONOMICS			
MONTH		TOPIC	EXAM
APRIL	MACRO ECO	MONEY- Meaning and Function	
	UNIT-2	•Supply of Money.	
		BANKING - Commercial Banks	
		• Meaning, functions	
		and money creation	
		Central Bank	
		• It's functions and	
		measures to control Credit	
	UNIT-4	GOVERNMENT BUDGET AND THE	
		ECONOMY,	
		•Meaning, Objectives and components	
		• Classification of receipts	
		• Classification of expenditures	
		• Balanced, Surplus and Deficit Budget	
JUNE	UNIT-5	BALANCE OF PAYMENTS	
		• Meaning and Components	
		• Surplus and Deficit BOP	
		FOREIGN EXCHANGE RATE	

		• Meaning of fixed and flexible rates and managed floating	
		• Determination of exchange rate in a free market,	
		Merits and demerits of flexible and fixed exchange rate.	
		Managed floating exchange rate system.	
	INDIAN ECONOMY	DEVELOPMENT EXPERIENCE (1947-90)	
	DEVELOPMENT	AND ECONOMIC REFORMS SINCE 1991:	
	UNIT-6	• Introduction of the state of Indian Economy on the eve of independence ,	
JULY	UNIT-6 (Cont....)	• Indian economic system and common goals of Five Year Plans,	PERIODIC 1 UNIT 2, 4, 5,6
		• Main features, problems and policies of agriculture,	
		• Industry (IPR 1956: SSI- role and importance) and foreign trade,	
		ECONOMIC REFORMS SINCE 1991;	
		• Features and appraisal of liberalisation,globalisation and Privatisation (LPG policy)	
		• Concepts of demonetization and GST..	
	MACRO ECO	DETERMINATION OF INCOME	
	UNIT - 3	AND EMPLOYMENT	
		• Aggregate Demand and its components.	
		• Propensity to consume and Propensity to save	
		• Short-run equilibrium output: investment multiplier and its mechanism	
		• Meaning of full employment and involuntary unemployment.	
AUGUST	MACRO ECO	• Problems of excess demand and deficient demand	
	UNIT - 3		

		• Measures to correct them- Changes in Government spending, taxes and money supply.	
	INDIAN ECONOMIC	CURRENT CHALLENGES	
	UNIT-7 DEVELOPMENT	FACING INDIAN ECONOMY.	
		• Human Capital formation	
		• Rural Development.	
		• Employment	
		• Sustainable runomic Development,	
SEPTEMBER	INDIAN ECONOMIC	DEVELOPMENT EXPERIENCE OF INDIA.	TERM I
	DEVELOPMENT	• A comparison with neighbours	UNIT 2, 3, 4,5,6, & 7
	UNIT- 8	India and Pakistan	
		India and China.	
		Issues: Economic Growth,	
		population, sectoral	
		development and	
		other Human Developme	
		indicators	
OCTOBER	MACRO ECO.	NATIONAL INCOME AND RELATED	
	UNIT-1	AGGREGATES,	
		• Basic Concepts in Macro economics	
		• Circular flow of income	
		(two sector model)	
		•Methods of calculating	
		national Income	
		-Value added method	
		-Income Method	
		-Expenditure method.	
NOVEMBER	UNIT- 1 (Cont....)	•Aggregates related to National Income	I PRE BOARD
		•GDP deflator & welfare.	UNIT 1,7,8
DECEMBER		REVISION	
JANUARY			PRE- BOARD
			FULL SYLLABUS

SYLLABUS 2025-2026
CLASS-XI

ECONOMICS			
MONTH		TOPIC	EXAM
APRIL	MICRO ECO	INTRODUCTION.	
	UNIT-4	•Definition of Economics,	
		•Micro and macro economics	
		•Positive and normative economics	
		•Meaning of an economy	
		•Central problems of an economy.	
		Concepts of Production	
		Possibility Frontier and	
		Opportunity Cost.	
	UNIT-5	DEMAND. Law of Demand	
		• Movement. along and	
		shift in the demand curve	
		• Price elasticity of demand	
		• Measurement of price	
		elasticity of demand	
		percentage method and	
		total expenditure method,	
JUNE	STATISTICS	INTRODUCTION	
	UNIT -1	Meaning, scope, functions	
		and importance of statistics	
		in Economics.	
	UNIT -2	Collection, Organisation.	
		and Presentation of data,	
JULY	UNIT- 5 (Contd...)	CONSUMER'S EQUILIBRIUM	PERIODIC 1
		• meaning of utility, Marginal	UNIT 2, 4, 5,
		utility	(demand)
		• Law of Diminishing Marginal	
		utility,	
		• Conditions of consumer's	
		equilibrium using marginal	
		utility analysis,	
		Indifference Curve analysis.	
		of consumer's Equilibrium,	
AUGUST	STATISTICS	Statistical Tools and Interpretation	
	UNIT-3	•Measures of Central Tendency,	
		-Arithmetic Mean	
		-Median	
		-Mode	
SEPTEMBER	MICRO ECO	PRODUCER BEHAVIOUR AND SUPPLY	TERM I

	UNIT-6	-Meaning of Production	UNIT 1, 2, 4 ,6, & 7
		Function - Short Run and Long Run.	Mean, Median &
		Total Product Average Product	Mode
		and Marginal Product,	
		-Returns to a factor.	
		• Cost	
		• REVENUES	
		-Producers Equilibrium,	
OCTOBER	UNIT-6 (Contd..)	SUPPLY - meaning, law	
		of supply, movement	
		along the same supply	
		Curve and shifts in	
		Supply curve.	
		Price elasticity of Supply.	
		and its measurement	
		through percentage method	
NOVEMBER	UNIT-3 (Contid...)	Correlation.	Term-II
		INDEX NUMBERS.	Unit-6 Supply
			Unit-3 Correlation
			Index number
DECEMBER	UNIT-7	PERFECT COMPETITION.	
		- Features, Determination	
		of market equilibrium	
		and effects of Shifts in	
		demand and supply	
		(Short Run only)	
		Simple Applications of	
		Demand and Supply?	
		Price Ceiling, Price Floor	
JANUARY		REVISION.	
FEBRUARY		FINAL EXAM,	Full syllabus

SYLLABUS 2025-2026		
CLASS-XII		
PHYSICS		
MONTH	TOPIC	EXAM

APRIL	CHAPTER -1	
	ELECTRIC CHARGES AND FIELD.	
JUNE	CHAPTER-2 ELECTROSTATIC POTENTIAL AND	
	CAPACITANCE	
JULY	CHAPTER-3 CURRENT ELECTRICITY	PERIODIC TEST
	CHAPTER-4 MOVING CHARGES AND MAGNETISM	CH-1, 2,
AUGUST	CHAPTER-5 MAGNETISM AND MATTER	
	CHAPTER 6 ELECTROMAGNETIC INDUCTION	
	CHAPTER 7 ALTERNATING CURRENT	
SEPTEMBER	CHAPTER - 8 ELECTROMAGNETIC WAVES	TERM-I
		CH- 1,2,3,4,5,6,7
OCTOBER	CHAPTER - 9 RAY OPTICS AND OPTICAL INSTRUMENTS	
	CHAPTER 10 WAVE OPTICS	
NOVEMBER	CHAPTER-11 DUAL NATURE OF RADIATION AND MATTER	
	CHAPTER 12 ATOMS	
	CHAPTER 13 NUCLEI	
	CHAPTER 14 SEMICONDUCTOR	
DECEMBER	REVISION	TERM II
		CH-6,7,8,9,10
JANUARY	PRE-BOARD	FULL SYLLABUS

SYLLABUS 2025-2026		
CLASS-XII		
PHYSICAL EDUCATION		
MONTH	TOPIC	EXAM
APRIL	UNIT-1 MANAGEMENT OF SPORTING EVENTS	
JUNE	UNIT-2 CHILDREN AND WOMEN IN SPORTS	
JULY	UNIT-3 YOGA AS PREVENTIVE MEASURE FOR	I PERIODIC

	LIFESTYLE DISEASE.	
AUGUST	UNIT-4 PHYSICAL EDUCATION & SPORTS FOR (CWSN),	
SEPTEMBER	UNIT-5 SPORTS AND NUTRITION	I TERM
	UNIT-6 TEST AND MEASUREMENT IN SPORTS	
OCTOBER	UNIT-7 PHYSIOLOGY AND INJURIES IN SPORTS	
	UNIT - 8 BIOMECHANICS AND SPORTS	
NOVEMBER	UNIT-9 PSYCHOLOGY AND SPORTS	
	UNIT - 10 TRAINING IN SPORTS	
DECEMBER	REVISION -	II TERM
JANUARY	PRE-BOARD.	PRE- BOARD
FEBRUARY	FINAL EXAMINATION	

SYLLABUS 2025-2026		
CLASS-XII		
CHEMISTRY		
MONTH	TOPIC	EXAM
APRIL	SOLUTIONS	
	HALOALKANES	
	AND HALOARENES	
JUNE	d AND f BLOCK ELEMENTS	
JULY	ALCOHOLS PHENOLS	PT-1. Syllabus.
	AND ETHERS	Solutions Halo Alkanes
	CHEMICAL KINETICS	And Halo Arenes, d and
	REVISION	of block elements
AUGUST	COORDINATION	
	COMPOUNDS	
	CHEMICAL KINETICS	
	(cont)	
SEPTEMBER	REVISION	TERM-1 Syllabus
	TERM-1 EXAM	Solutions, Haloalkanes and
		Haloarenes, d and f block
		elements, Alcohols phenols
		and ethers, Chemical Kinetics-

		Coordination compounds.
OCTOBER	ELECTROCHEMISTRY	
	ALDEHYDES, KETONE	
	AND CARBOXYLIC	
	ACIDS.	
NOVEMBER	AMINES	TERM- 2 Syllabus
	BIOMOLECULES	Electro chemistry, Aldehydes
		Ketones and Carboxylic Acids,
DECEMBER	REVISION	d and f block elements, Coordination
		Compounds,
		Complete Syllabus
JANUARY	REVISION	PRE BOARD EXAM
		WHOLE SYLLABUS

SYLLABUS 2025-2026		
CLASS-XII		
SANSKRIT		
MONTH	TOPIC	EXAM
अप्रैल	पाठ - 1 व्याकरण सहित अभ्यास, सन्धि, लघुकथा	
	साहित्य ज्ञान 1-4 गद्यकाव्य पत्र लेखन	
जून	पाठ - 2 अर्थीकरण साहित्य वाक्य (रिक्त स्थान)	
	समास, प्रत्यय, सन्धि महाकाव्य	
	पत्र लेखन, अपठित गद्यांश ,	
जुलाई	पाठ - 3,4 व्याकरण सहित अभ्यास	
	साहित्य ज्ञान 5-8, सन्धि, समास, प्रत्यय	P.T- I
	पद्य काव्य, चम्पू काव्य लघुकथा, क्रियान्विति :	अप्रैल का पाठ्यक्रम
अगस्त	पाठ - 5,6 व्याकरण सहित अर्थीकरण	
	कवि परिचय 9 - 12 कण्ठस्थीकरण	
	नाट्य साहित्य का ज्ञान	
सितम्बर	पाठ - 7 अर्थीकरण व्याकरण के साथ	TERM- I
	व्याकरण समास, सन्धि साहित्य ज्ञान	अप्रैल से अगर
	अनुवाद (वाक्य) पठित के प्रश्न	तक का पाठ्यक्रम
	(प्रकार) का अभ्यास, लघुकथा	
अक्टूबर	पाठ- 9 पाठ में आई व्याकरण सहित	
	साहित्य ज्ञान	
	अनुवाद कार्यम संवाद, चित्र वर्णन, पत्र लेखन	

नवम्बर	पाठ - 11 व्याकरण सहित अभ्यास	
	व्याकरण समास, क्रियान्विति, उप पद विभक्ति	
दिसम्बर	पुनरावृत्त पाठ्यक्रम की	दिसम्बर
		TERM-II
जनवरी	सम्पूर्ण पाठ्यक्रम	जनवरी प्री बोर्ड
		सम्पूर्ण पाठ्यक्रम

SYLLABUS 2025-2026		
CLASS-XII		
BIOLOGY		
MONTH	TOPIC	EXAM
APRIL	Ch - 1- SEXUAL REPRODUCTION	
	IN FLOWERING PLANTS	
	Ch - 2 HUMAN REPRODUCTION	
	Ch -3 REPRODUCTIVE HEALTH.	
JUNE	Ch -3 REPRODUCTIVE HEALTH.	
JULY	Ch - 4 PRINCIPLES OF INHERITANCE & VARIATION	PT-1
	Ch- 5 MOLECULAR BASIS OF INHERITANCE	Chapters - 1,to 3
AUGUST	Ch- 5 MOLECULAR BASIS OF INHERITANCE	
	Ch - 6 EVOLUTION	
SEPTEMBER	Ch - 7 HUMAN HEALTH & DISEASES	Term-1
		Ch - 1 to 6
OCTOBER	Ch - 8 MICROBES IN HUMAN WELFARE	
	Ch - 9 BIOTECHNOLOGY:	
	PRINCIPES & PROCESSES	
NOVEMBER	Ch - 10 BIOTECHNOLOGY & ITS APPLICATIONS	
	Ch - 11: ORGANISMS & POPULATIONS	
DECEMBER	Ch - 12 ECOSYSTEM	Term-2
	Ch - 13 BIODIVERSITY & CONSERVATION	Ch - 1 to 11
JANUARY	PRE-BOARD	FULL SYLLABUS

SYLLABUS 2025-2026		
CLASS-XII		
SUBJECT - ENGLISH CORE		
MONTH	TOPIC	EXAM
April	LIT. Flamingo Ls-1 The Last Lesson	
	Poem-1 My Mother At Sixty-Six	
	Vistas Ls-1 The Third Level	
	Ls-2 The Tiger King	
	WRT. SKILL.- Notice Writing	
June	LIT.- Flamingo Ls-2 Lost Spring	
	WRT. SKILL.- Notice Writing	
July	Flamingo Ls-3 Deep Water	PERIODIC TEST-I
	Vistas Ls-3 Journey to the End of the Earth	LIT. Flamingo Ls-1, Ls-2 & LS-3
	WRT. SKILL.-Letter to the editor	Flamingo Poem-1
		Vistas Ls-1, Ls-2 & Ls-3
Aug	LIT.- Flamingo Ls-4 The Rattrap	WRT. SKILL.- Notice writing, Letter to the editor
	Flamingo Ls-5 Indigo	
	Flamingo Poem-2 Keeping Quiet	
	Vistas Ls-4 The Enemy	
	WRT. SKILL.-Invitations	
Sep	LIT.- Flamingo Ls-6 Poets and Pancakes	TERM-I EXAMINATION
	Flamingo Poem-3 A Thing of Beauty	LIT. Flamingo Ls-1,2,3,4,5 &6
	Vistas Ls-5 On the Face of It	Flamingo Poem-1, 2 & 3
	WRT. SKILL.- Article Writing	Vistas Ls-1,2,3,4&5
		WRT. SKILL.- Notice writing, Invitations
Oct	LIT.-Flamingo Ls-7 The Interview (Part I & II)	Letter to the editor, Article Writing
	Flamingo Poem-4 A Roadside Stand	
	WRT. SKILL Job Application Letter and Resume	
Nov	LIT.-Flamingo Ls-8 Going Places	
	Flamingo Poem-5 Aunt Jennifer's Tigers	
	Vistas Ls-6 Memories of Childhood	
	WRT. SKILL.-Report Writing	
Dec	Revision	TERM-II EXAMINATION
		(Full syllabus)
Jan	Revision	TERM-II EXAMINATION
		(Full syllabus)

SYLLABUS 2025-2026		
CLASS-XII		
SUBJECT - COMPUTER SCIENCE		
MONTH	TOPIC	EXAM/SYLLABUS
	UNIT 1: COMPUTATIONAL THINKING AND PROGRAMMING -2.	
	Revision of Python topics covered in Class XI.	
	Chapter-1	
	Revision of Python topics covered in Class XI.	
April	Chapter -1	
	Revision of Python topics covered in Class XI.	
	Chapter -2	
	Chapter -3	
	Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)	
June	Chapter - 6	
	Exception Handling: Introduction, handling exceptions using try-except-finally blocks	
July	Chapter- 4	PT-I Exam
	INTRODUCTION TO PYTHON MODULES,	Ch-1,3
	CH- 5- INTRODUCTION TO FILES	
	Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause,	
Aug	Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file	
	CSV file: import csv module, open/close csv file, write into a csv file using writer(),writerow(),writerows() and read from a csv file using reader()	
Sep	Chapter -7	Term -I
	Data Structure: Stack, operations on stack (push & pop), implementation of stack using list.	Ch- 1 to 6
	Data Structure: Stack, operations on stack (push & pop), implementation of stack using list.	
	Practical implementation	
Oct	UNIT 3 DATA BASE MANAGEMENT	
	CH-7, 10, 11, 12, 13	
	Database concepts: introduction to atabase concepts and	

	its need	
	Relational data model: relation, attribute, tuple, domain,	
	degree, cardinality, keys (candidate key, primary key,	
	alternate key, foreign key)	
Nov	Structured Query Language: introduction, Data Definition	Term-II
	Language and Data Manipulation Language, data type	Ch- 7,10,11,12,13
	(char(n), varchar(n), int, float, date), constraints (not null,	
	Interface of python with an SQL database: connecting SQL	
	with Python, performing	
Dec	CH- 8 and 9	
	Evolution of networking: introduction to computer networks,	
	evolution of networking	
	(ARPANET, NSFNET, INTERNET)	
	Data communication terminologies:	
	Transmission media: Wired communication media	
	(Twisted pair cable, Co-axial cable, Fiber-optic cable),	
	Wireless media (Radio waves, Micro waves, Infrared	
	waves)	
	Network devices (Modem, Ethernet card, RJ45,	
	Repeater, Hub, Switch, Router, Gateway, WIFI card)	
	Network topologies and Network types:	
	networks (PAN, LAN, MAN, WAN), networking	
	Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP,	
	POP3, HTTPS, TELNET, VoIP	
		PRE-BOARD EXAM
Jan	Revision for Practical Exam	Full Syllabus

