

SYLLABUS SPLIT – UP
CLASS –XI

CLASS-XI	SUBJECT-ENGLISH(301)
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SN	Month	No.ofworking days	Name of the chapter/topic to be covered
1.	APRIL - May	33	Introduction&Bridging Syllabus /Curriculum,QuestionPaper Pattern
2.	JULY	25	Hornbill-L-1.ThePortraitofA Lady
			Hornbill-P-1.APhotograph
			Snapshots-L-1TheSummerOfTheBeautiful White Horse
			Classified Advertisements
			NoteMaking&Summarising
			Tenses
			Comprehension(Reading)
			ASL
3.	AUGUST	23	Hornbill-P-2.TheLaburnumTop
			Snapshots-L-2.TheAddress
			Posters
			Clauses
			Speech
			ReadingComprehensionPractice
4.	SEPTEMBER	10	Hornbill-L-3.DiscoveringTut....TheSaga Continues
			Hornbill-P-3.TheVoiceofthe Rain
			Snapshots-L-3.Mother'sDay
			TransformationofSentences
			Debate
5.	OCTOBER	20	Hornbill-L-4.TheAdventure

			Hornbill-P-4.Childhood
			Snapshots-L-4. Birth
			ReadingComprehensionPractice
			WritingTasksPractice
			ListeningAndSpeaking Activities

			ReorderingOfSentences
6.	NOVEMBER	23	Hornbill-L-5.SilkRoad
			Hornbill-P-5.FatherToSon
			WritingTasksPractice
			ReadingComprehensionPractice
			GrammarPractice
7.	DECEMBER	18	Snapshots-L-5.TheTaleOfMelonCity
			ReadingComprehensionPractice
			WritingTasksPractice
			ListeningandSpeaking Activities
			GrammarPractice
			ASLProject Submission
8.	JANUARY	24	ReadingComprehensionPractice
			WritingTasksPractice
			NoteMakingPractice
			ASLProject&VIVA
			FullCourse Revision
9.	FEBRUARY	23	RevisionforSEE 2026
10.	MARCH	23	SESSIONENDING EXAMINATION

CLASS XI			SUBJECT:PHYSICS(042)
SN	Month	No. of working days	Name of the chapter/topic to be covered
1	APRIL - May	33	<u>UNIT-1</u> PhysicalworldandMeasurement(08 periods)Chapter-1:Unitsand Measurements Section-AExperiment-1
2	July	25	<u>UNIT-2</u> -Kinematics(24periods)Chapter-2Motionin Straight line Chapter- 3 Motion in a Plane Section-A Experiment – 2 Experiment–3 ,Activity -1,2
3	August	23	<u>UNIT-3</u> –LawsofMotion(14periods) Chapter- 4 Laws of motion <u>UNIT-4</u> Work,EnergyandPower(14periods)Chapter-5 Work, Energy and Power Section-AExperiment– 4and 5 Activity – 3
4	September	10	<u>UNIT-5</u> MotionofSystemofParticlesandRigidBody(18periods) Chapter- 6 System of Particles and Rotational Motion <u>UNIT- 6</u> – Gravitation (12 periods) Chapter-7Gravitation.Revisionofall Experiments fromSectionAandActivity 4
5	October	20	Cont...Gravitation <u>UNIT-7</u> PropertiesofBulkMatter(Total24periods) Chapter- 8 Mechanical Properties of Solids Section-BExperiment– 1and 2 Activity 1 and 2

6	November	23	Chapter-9MechanicalPropertiesofFluidsChapter-10 Thermal Properties of Matter Section-BExperiment–3
7	December	18	Chapter-10ThermalPropertiesofMatter(contd.,) <u>UNIT- 8</u> – Thermodynamics (12 periods) Chapter-11Thermodynamics Section-B Activity - 3
8	January	24	<u>UNIT-9</u> –BehaviourofPerfectGasesandKinetic Theory of Gases (08 periods) Chapter-12KineticTheorySectionBExperiment4and5 ,Activity4 <u>UNIT-10</u> -OscillationsandWaves(26periods) Chapter- 13 Oscillations
9	February	23	Chapter-14Waves
10	MARCH	23	SESSION ENDING EXAM

CLASS-XI			SUBJECT-CHEMISTRY(043)
Sl. No.	Month	No. of working days	Name of the chapter/topic to be covered
1	April - May	33	Unit1: Some Basic Concepts of Chemistry
2	July	25	Unit2:Structureof PRACTICAL BasicLaboratoryTechniques
3	August	23	Unit3:ClassificationofElementsandPeriodicityin PRACTICAL QuantitativeEstimation
4	September	24	Unit4:ChemicalBondingandMolecularStructure(7marks) PRACTICAL QualtitativeEstimation
			Unit5:ChemicalThermodynamics PRACTICAL QualtitativeEstimation
5	October	20	Unit6:Equilibrium PRACTICAL ExperimentsrelatedtopHchangesChemicalEquilibrium
6	November	23	Unit6:Equilibrium(Continued) Unit7:RedoxReactions
7	December	18	Unit8:OrganicChemistry–SomeBasicPrinciplesand Techniques PRACTICAL CharacterizationandPurificationofChemicalSubstances
8	January	24	Unit9:Hydrocarbons PRACTICAL InvetigatoryProject
9	February	23	Revision
10	March	23	SESSIONENDINGEXAM

CLASS:XI			SUBJECT:MATHEMATICS (041)
Sl.No	Month	No. of working days	Name of the chapter/topic to be covered
1	April - May	33	Sets
2	July	25	Sets (contd) RelationsandFunctionsTrigonometricFunctions
3	August	23	TrigonometricFunctions(contd)ComplexNumbers& Quadratic Equations Linear Inequalities
4	September	10	PermutationsandCombinationsBinomialTheorem Sequences and Series
5	October	20	Sequences and Series (contd) StraightLinesConic Sections
6	November	23	Conic Sections (contd) Three-dimensionalGeometry
7	December	18	Limits and Derivatives
8	January	24	StatisticsProbability
9	February	23	Probability(contd)Revision
10	March	23	SESSIONENDINGEXAM

CLASS XI			SUBJECT-BIOLOGY(044)
Sl. No.	Month	No. of working days	Name of the chapter/topic to be covered
1	April - May	33	Unit-I Diversity of Living Organisms Chapter-1: The Living World Chapter-2: Biological Classification
2	July	25	Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Unit-II: Chapter-5: Morphology of Flowering Plants
3	August	23	Unit-II Structural Organization in Plants and Animals Chapter-6: Anatomy of Flowering Plants Chapter-7: Structural Organisation in Animals Unit-III Cell: Structure and Function Chapter-8: Cell-The Unit of Life
4	September	10	Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division Cell cycle, mitosis, meiosis and their significance
5	October	20	Unit-IV Plant Physiology Chapter-13: Photosynthesis in Higher Plants
6	November	23	Chapter-14: Respiration in Plants Chapter-15: Plant Growth and Development
7	December	18	Unit-V Human Physiology Chapter-17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation
8	January	24	Chapter-19: Excretory Products and their Elimination Chapter-20: Locomotion and Movement Chapter-21: Neural Control and Coordination
9	February	23	Chapter-22: Chemical Coordination and Integration
10	March		SESSION ENDING EXAM

CLASS:XI			SUBJECT-COMPUTER SCIENCE(083)
SN	Month	No. of working days	Name of the chapter/topic to be covered
1	April - May	33	UnitI:ComputerSystemsandOrganisation • Basiccomputerorganisation:IntroductiontoComputerSystem, hardware, software, input device, output device, CPU,memory(primary,cacheandsecondary),unitsofmemory(bit, byte, KB, MB, GB, TB, PB) • Typesofsoftware:Systemsoftware(Operatingsystems,system utilities, device drivers), programming tools and languagetranslators(assembler,compiler,andinterpreter), application software • OperatingSystem(OS):functionsoftheoperatingsystem,OSuser interface • Booleanlogic:NOT,AND,OR,NAND,NOR,XOR,NOT,truthtablesand De Morgan's laws, Logic circuits • NumberSystem:Binary,Octal,DecimalandHexadecimalnumber system; conversion between number systems • EncodingSchemes:ASCII, ISCII,and Unicode(UTF8, UTF32)
2	August	23	UnitII:ComputationalThinkingandProgramming-I • IntroductiontoProblem-solving:StepsforProblem-solving (Analyzing the problem, developing an algorithm, coding,testing,anddebugging),representationofalgorithmsusing flowchart and pseudo code, decomposition • FamiliarizationwiththebasicsofPythonprogramming: IntroductiontoPython,FeaturesofPython,executingasimple"hello world"program,executionmodes:interactivemodeandscriptmode, Python character set, Python tokens(keyword, identifier, literal, operator,punctuator),variables,conceptofl-valueandr-value,useof comments. • Knowledgeofdatatypes:Number(integer,floatingpoint,complex), boolean, sequence(string, list, tuple),None,Mapping(dictionary),mutableandimmutabledata types.● Operators: arithmetic

			operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in, not in) Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion (explicit and implicit conversion), accepting data as input from the console and displaying output. Errors- syntax errors, logical errors, and run-time errors
3	September	10	• Flow of Control: introduction, use of indentation, sequential flow, conditional and iterative flow • Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number. • Iterative Statement: for loop, range(), while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number, etc. • Strings: introduction, string operations (concatenation, repetition, membership and slicing), traversing a string using loops, built-in functions/methods- len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split()
4	October	20	Lists: introduction, indexing, list operations (concatenation, repetition, membership and slicing), traversing a list using loops, built-in functions/methods- len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list.
5	November	23	• Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership and slicing); built-in functions/methods- len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple; suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple.

6	December	18	Dictionary: introduction, accessing items in a dictionary using keys, mutability of a dictionary (adding a new term, modifying an existing item), traversing a dictionary, built-in functions/methods – len(), dict(), keys(), values(), items(), get(), update(), del(), del, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), sorted(); Suggested programs: count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them Introduction to Python modules: Importing module using 'import <module>' and using from statement, importing math module (pi, e, sqrt(), ceil(), floor(), pow(), fabs(), sin(), cos(), tan()); random module (random(), randint(), randrange()),
7	January	24	Unit III: Society, Law and Ethics - Digital Footprints - Digital Society and Netizen: net etiquettes, communication etiquettes, social media etiquette - Data Protection: Intellectual property rights (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source software and licensing (Creative Commons, GPL and Apache) - Cyber Crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, cyber trolls, cyberbullying - Cyber safety: safely browsing the web, identity protection, confidentiality - Malware: viruses, trojans, adware - E-waste management: proper disposal of used electronic gadgets. - Information Technology Act (IT Act) Technology and society: Gender and disability issues while teaching and using computers
8	February	23	Comprehensive Revision, Practical EXAMINATION and Project Submission
9	March		Session Ending EXAMINATION

