

DON BOSCO SR. SEC SCHOOL, JHARMARI

SYLLABUS 2025-2026

Class – XI

SUBJECT: ENGLISH

TERM - I

PERIODIC ASSESSMENT - I		
	CONTENTS	TOPICS/LESSONS/POEMS
READING	Unseen Comprehension	1. Factual, Descriptive or Literary 2. Case-based passage with verbal/visual inputs like statistical data, charts etc. 3. Note Making and Summarization (Advanced Writing)
GRAMMAR	Integrated	1. Questions on Gap filling (Tenses, Clauses) 2. Questions in re-ordering/Transformation of sentences
WRITING	1. Short Compositions 2. Long Compositions	1. Classified Advertisements (All Types) 2. Poster Writing 1. Speech based on verbal or visual cues related to contemporary/age-appropriate topic 2. Debate based on visual/verbal inputs related to contemporary, topical issues.
LITERATURE	1. Hornbill 2. Snapshots	A. PROSE L1. The Portrait of a Lady B. POETRY P1. A photograph C. PROSE L1. The Summer of the Beautiful White Horse
ASL	1. Conversation 2. Prompt	A. Thematic B. Cue Cards

PERIODIC ASSESSMENT - II / HALF YEARLY EXAMINATIONS		
	CONTENTS	TOPICS/LESSONS/POEMS
READING	Unseen Comprehension	1. Factual, Descriptive or Literary 2. Case-based passage with verbal/visual inputs like statistical data, charts etc. 3. Note Making and Summarization (Advanced Writing)
GRAMMAR	Integrated	1. Questions on Gap filling (Tenses, Clauses) 2. Questions in re-ordering/Transformation of sentences.
WRITING	1. Short Compositions	1. Classified Advertisements (All Types) 2. Poster Writing

	2. Long Compositions	1. Speech based on verbal or visual cues related to contemporary/age-appropriate topic 2. Debate based on visual/verbal inputs related to contemporary, topical issues.
LITERATURE	1. Hornbill 2. Snapshots	A. PROSE L1. The Portrait of a Lady L7. The Adventure L8. Silk Road B. POETRY P1. A photograph P3. The Voice of the Rain P5. Father to Son C. PROSE L1. The Summer of the Beautiful White Horse L5. Mother's Day (Play) L2. The address
ASL	1. Speaking 2. Listening	A. Impromptu speech – JAM B. Role Play (From memorized dialogues (In Groups))

PERIODIC ASSESSMENT - III		
	CONTENTS	TOPICS/LESSONS/POEMS
READING	Unseen Comprehension	1. Factual, Descriptive or Literary 2. Case-based passage with verbal/visual inputs like statistical data, charts etc. 3. Note Making and Summarization (Advanced Writing)
GRAMMAR	Integrated	1. Questions on Gap filling (Tenses, Clauses) 2. Questions in re-ordering/Transformation of sentences
WRITING	1. Short Compositions 2. Long Compositions	1. Classified Advertisements (All Types) 2. Poster Writing 1. Speech based on verbal or visual cues related to contemporary/age-appropriate topic 2. Debate based on visual/verbal inputs related to contemporary, topical issues.
LITERATURE	1. Hornbill 2. Snapshots	A. PROSE L2. We're Not Afraid to die... If We Can Be Together B. POETRY P4. Childhood C. PROSE L7. Birth
ASL	1. Seminar 2. Conversation	A. On any Contemporary Topic B. Contexts and Functions

PERIODIC ASSESSMENT – IV / ANNUAL EXAMINATION		
	CONTENTS	TOPICS/LESSONS/POEMS
READING	Unseen Comprehension	1. Factual, Descriptive or Literary 2. Case-based passage with verbal/visual inputs like statistical data, charts etc. 3. Note Making and Summarization (Advanced Writing)
GRAMMAR	Integrated	1. Questions on Gap filling (Tenses, Clauses) 2. Questions in re-ordering/Transformation of sentences
WRITING	1. Short Compositions 2. Long Compositions	1. Classified Advertisements (All Types) 2. Poster Writing 1. Speech based on verbal or visual cues related to contemporary/age-appropriate topic 2. Debate based on visual/verbal inputs related to contemporary, topical issues.
LITERATURE	1. Hornbill 2. Snapshots	A. PROSE L1. The Portrait of a Lady L7. The adventure L8. Silk Road L2. We're Not Afraid to die... If We Can Be Together L3. Discovering Tut: The Saga Continues B. POETRY P1. A photograph P3. The Voice of the Rain P5. Father to Son P4. Childhood P2. The Laburnum Top C. PROSE L1. The Summer of the Beautiful White Horse L5. Mother's Day L2. The address L7. Birth L8. The Tale of Melon City
ASL	1. Speaking 2. Listening	A. Impromptu Speech B. Cue Cards/PS Cards C. Through Audio

SUBJECT- HINDI

TERM - I

प्रथम इकाई परीक्षा

Chapter No.	Name of the Chapter
स्पर्श हिंदीआरोह गद्य खंड	पाठ 1 नमक का दरोगा पाठ 2 मियाँ नसीरुद्दीन
स्पर्श हिंदीआरोह काव्य खंड	पाठ 1 कबीर पाठ 2 मीरा
अभिव्यक्ति और माध्यम	रचनात्मक लेखन, अपठित गद्यांश, अपठित पद्यांश, पठित गद्यांश, पठित काव्यांश, पत्र अनौपचारिक, औपचारिक अर्द्ध कार्य कारी।

द्वितीय इकाई परीक्षा

Chapter No.	Name of the Chapter
स्पर्श हिंदी आरोह गद्य खंड	पाठ 3 अप्पू के अढ़ाई साल पाठ 4 विदाई संभाषण
स्पर्श हिंदी आरोह काव्य खंड	पाठ 3 घर की याद पाठ 4 चंपा काले अच्छर नहीं चिन्हित
हिंदी वितान	पाठ 1 भारतीय गायिकाओं में बेजोड़ लता मंगेशकर
अभिव्यक्ति और माध्यम	रचनात्मक लेखन, जनसंचार माध्यम, पत्रकारिता के विभिन्न आयाम पठित गद्यांश, पठित काव्यांश, अपठित गद्यांश, अपठित काव्यांश और पत्र।

TERM - II

<u>तृतीय इकाई परीक्षा</u>	
Chapter No.	Name of the Chapter
स्पर्श हिंदी आरोह गद्य खंड	पाठ 5 गलता लोहा पाठ 6 रजनी
स्पर्श हिंदी आरोह काव्य खंड	पाठ 5 गजल पाठ 6 हे भूख! मत मचल मेरे जूही के फूल जैसे ईश्वर
हिंदी वितान	पाठ 2 राजस्थान की रजत बूंदें
अभिव्यक्ति और माध्यम	डायरी लिखने की कला और कथा पटकथा, जनसंचार माध्यम, स्वायत्त, पत्र।

<u>चतुर्थ इकाई परीक्षा</u>	
Chapter No.	Name of the Chapter
स्पर्श हिंदी आरोह गद्य खंड	पाठ 7 जामुन का पेड़ पाठ 8 भारत माता
स्पर्श हिंदी आरोह काव्य खंड	पाठ 7 सबसे खतरनाक पाठ 8 आओ, मिलकर बचाएँ
हिंदी वितान	पाठ 3 आलो-आँधारि
अभिव्यक्ति और माध्यम	अनौपचारिक पत्र, अनुच्छेद लेखन, संवाद लेखन और चित्र वर्णन।

SUBJECT – PUNJABI

DON BOSCO SR. SEC. SCHOOL JHARMARI
Punjabi Syllabus 2025-26
Class-10+1th

P.A-I, Time- 2½ hrs. Mark-40+10=50	
1. ਉ) ਸੁਹਾਗਾ ਅ) ਘੋੜੀਆਂ } ਲੋਕ ਗੀਤਾਂ	
2. ਬੋਲੀਆਂ - ਲੋਕ ਗੀਤਾਂ ਢੋਲਾ	
3. ਦੰਦ ਕਥਾਵਾਂ- 1. ਦਫ਼ਤਰੀ ਸ਼ਬਦਾਵਲੀ। 2. ਮੁਹਾਵਰੇ	
4. ਪੁਸਤਕ ਨਾਲ ਸਬੰਧਿਤ ਗਤੀਵਿਧੀਆਂ	
P.A-II (Half Yearly) Time- 3hrs. Mark-80+20=100	
1. ਸਿੱਠਣੀਆਂ, ਸੁਹਾਗ, ਘੋੜੀਆਂ।	
2. ਢੋਲਾ, ਮਾਹੀਆ।	
3. ਦੰਤ/ਪ੍ਰੀਤ ਕਥਾਵਾਂ।	
4. ਅਣਡਿੱਠਾ ਪੈਰਾ ਰਚਨਾ।	
5. ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ ਲਿਖਣਾ।	
6. ਦਫ਼ਤਰੀ ਸ਼ਬਦਾਵਲੀ, ਬੈਂਕ, ਰੇਲਵੇ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕ, ਮੁਹਾਵਰੇ, ਇਸ਼ਤਿਹਾਰ, ਸੱਦਾ ਪੱਤਰ।	
7. ਪੁਸਤਕ ਨਾਲ ਸਬੰਧਿਤ ਗਤੀਵਿਧੀਆਂ	
P.A-III, Time- 2½ hrs. Mark-40+10=50	
1. ਸਿੱਠਣੀਆਂ, ਟੱਪਾ।	
2. ਮਾਹੀਆ, ਬੁਝਾਰਤਾਂ।	
3. ਪ੍ਰੀਤ ਕਥਾਵਾਂ।	
4. ਅਣਡਿੱਠਾ ਪੈਰਾ, ਡਾਕ, ਬੀਮਾ-ਸੇਵਾਵਾਂ ਤੇ ਕੰਪਿਊਟਰ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕ।	
5. ਪੁਸਤਕ ਨਾਲ ਸਬੰਧਿਤ ਗਤੀਵਿਧੀਆਂ	
P.A-IV, Time- 3 hrs. Mark-80+20=100	
Annual Exam -ਪੂਰਾ ਸਿਲੇਬਸ।	

SUBJECT: ACCOUNTANCY (055)

TERM - I

PERIODIC ASSESSMENT-I	
Chapter No.	Name of the Chapter
1	Meaning, Objectives, Scope and Nature of Accounting
2	Basic Accounting Terms and Accounting Principles
3	Process and bases of Accounting and Accounting Standards
4	Accounting Equation
ACTIVITY/PROJECT	Comprehensive Project as per CBSE Syllabus

PERIODIC ASSESSMENT-II / HALF YEARLY EXAMINATION	
Chapter No.	Name of the Chapter
1	Double Entry System and Source Document of Accounting
2	Journal and Accounting for GST
3	Cash book and Subsidiary books
4	Ledger and Trial Balance
5	Financial Statements
ACTIVITY/PROJECT	Comprehensive Project as per CBSE Syllabus

TERM - II

PERIODIC ASSESSMENT-III	
Chapter No.	Name of the Chapter
1	Rectification of Errors
2	Capital and Revenue
3	Bank Reconciliation Statement
ACTIVITY/PROJECT	Specific Project as per CBSE Syllabus

PERIODIC ASSESSMENT IV / ANNUAL EXAMINATION	
Chapter No.	Name of the Chapter
1	Depreciation
2	Provision and Reserve
3	Financial Statements with Adjustments
ACTIVITY/PROJECT	Specific Project as per CBSE Syllabus
NB. HALF YEARLY PA1 AND PA II SYLLABUS AND FOR ANNUAL EXAMINATION FULL SYLLABUS	

SUBJECT: BUSINESS STUDIES (054)

TERM - I

PERIODIC ASSESSMENT- I	
Chapter No.	Name of the Chapter
1	Business: An Introduction
2	Classification of Business Activities
3	Business Risk: Nature and Causes
4	Forms of Business Organization: Sole Proprietorship and Partnership Organization
ACTIVITY/PROJECT	Visit to Manufacturing Unit (Field Trip)

PERIODIC ASSESSMENT – II / HALF YEARLY EXAMINATION	
Chapter No.	Name of the Chapter
1	Joint Hindu Family Business
2	Cooperative Societies
3	Business Services: Banking and Insurance
4	Public and Private Sector
ACTIVITY/PROJECT	Project work on the base of field Trip

TERM - II

PERIODIC ASSESSMENT- III	
Chapter No.	Name of the Chapter
1	Company Organization
2	Sources of Business Finance
3	Small Business: An Introduction
4	Social Responsibilities of Business
ACTIVITY/PROJECT	Project Review and Corrective Instruction

PERIODIC ASSESSMENT- IV / ANNUAL EXAMINATION	
Chapter No.	Name of the Chapter
1	International Business
2	Import Procedure
3	Export Procedure
4	World Trade Organization
ACTIVITY/PROJECT	Final Review of Project Work
NB. HALF YEARLY PA 1 AND PA II SYLLABUS AND FOR ANNUAL EXAMINATION FULL SYLLABUS.	

SUBJECT: ECONOMICS

TERM - I

PERIODIC ASSESSMENT - I	
CONTENTS	Name of the Chapter
STATISTICS Unit 1 – Introduction	1. Economics : An Introduction
Unit 2 – Collection, Organization and Presentation of data	2. Meaning ,Scope and Importance of statistics
MICROECONOMICS	3. Collection of data
Unit 4 - Introduction	1. Introduction
Unit 5 - Consumer's equilibrium and demand	2. Consumer's Equilibrium

PERIODIC ASSESSMENT - II / HALF YEARLY EXAMINATION	
CONTENTS	Name of the Chapter
STATISTICS Unit 2 – Collection, Organization and Presentation of data	4. Organization of data 5. Tabular presentation 6. Diagrammatic presentation 7. Graphic presentation
MICROECONOMICS Unit 5 - Consumer's equilibrium and demand	3. Demand 4. Elasticity of demand
PROJECT WORK	

TERM - II

PERIODIC ASSESSMENT - III	
CONTENTS	Name of the Chapter
STATISTICS Unit 3 – Statistical tools and interpretation	8. Measurement of central tendency- Arithmetic mean 9. Measurement of central tendency- median and mode
MICROECONOMICS Unit 6 - Producer behaviour and supply	5. Production function 6. Cost 7. Revenue 8. Producer's equilibrium

PERIODIC ASSESSMENT - IV / ANNUAL EXAMINATION	
CONTENTS	Name of the Chapter
STATISTICS Unit 3 – Statistical tools and interpretation	10. Measures of dispersion 11. Measures of co-relation 12. Index numbers
MICROECONOMICS Unit 6 - Producer behaviour and supply Unit 7 - Forms of market	9. Supply 10. Main market forms 11. Price determination and simple applications
Including all the previous chapters PROJECT WORK	

SUBJECT: BIOLOGY

TERM: I

PERIODIC ASSESSMENT - I	
Chapter No.	Name of the Chapter
1	The Living World
2	Biological Classification
3	Plant Kingdom
ACTIVITY/PROJECT	Project/Activity on the basis of topics covered.

PERIODIC ASSESSMENT - II/ HALF YEARLY EXAMINATION	
Chapter No.	Name of the Chapter
1	Animal Kingdom
2	Morphology of Flowering
3	Anatomy of Flowering Plants
4	Structural Organization in Animals Morphology
5	Cell-The Unit of Life
6	Biomolecules
7	Cell Cycle and Cell Division
	Including the syllabus of Periodic Assessment-1
	Submission of lab manual.
ACTIVITY/PROJECT	Project/Activity on the basis of topics covered.
	Submission of lab manual

TERM: II

PERIODIC ASSESSMENT - III	
Chapter No.	Name of the Chapter
1	Photosynthesis in Higher Plant
2	Respiration in Plants Exchange of gases
3	Plant - Growth and Development
4	Breathing and Exchange of Gases.
5	Body Fluids and Circulation
6	Excretory Products and their Elimination
	submission of assignment
ACTIVITY/PROJECT	Project/Activity on the basis of topics covered.

PERIODIC ASSESSMENT – IV /ANNUAL EXAMINATION

Chapter No.	Name of the Chapter
1	The Living World
2	Biological Classification
3	Plant Kingdom
4	Animal Kingdom
5	Morphology of Flowering
6	Anatomy of Flowering Plants
7	Structural Organisation in Animals Morphology
8	Cell-The Unit of Life
9	Biomolecules
10	Cell Cycle and Cell Division
11	Photosynthesis in Higher Plant
12	Respiration in Plants Exchange of gases
13	Plant - Growth and Development
14	Breathing and Exchange of Gases.
15	Body Fluids and Circulation
16	Excretory Products and their Elimination
17	Locomotion and movement
18	Neural control and coordination
19	Chemical coordination and integration
Activity/Project	Project/Activity on the basis of topics covered.

SUBJECT: CHEMISTRY (043)

TERM: I

PERIODIC ASSESSMENT - I	
Unit	Name of the Chapter
1	Some Basic concepts of chemistry
2	Structure of the atom

PERIODIC ASSESSMENT – II / HALF YEARLY EXAMINATION	
Unit	Name of the Chapter
<u>PART- 1</u>	
3	Classification of elements & periodicity in properties
4	Chemical bonding & Molecular Structure
5	Thermodynamics
6	Equilibrium
➤ PROJECT ➤ PRACTICAL (30 MARKS)	<ul style="list-style-type: none">Any one topic from the covered syllabusWritten : 22 marks; Project& Viva: 4 marks, Class record & Viva: 4 marks

TERM: II

PERIODIC ASSESSMENT - III	
Unit	Name of the Chapter
7	<ul style="list-style-type: none">Redox Reaction
8	<ul style="list-style-type: none">Organic Chemistry
9	<ul style="list-style-type: none">Hydrocarbons

PERIODIC ASSESSMENT – IV / ANNUAL EXAMINATION
➤ Complete syllabus Unit 1 to Unit -9
➤ Practical 30 Marks

SUBJECT – PHYSICS

TERM: I

PERIODIC ASSESSMENT - I	
UNIT III	MOTION, FORCE AND WORK
Chapter No.	Name of the Chapter
8 9	<ul style="list-style-type: none">• Motion• Force and laws of motion (Half Chapter)
ACTIVITY	Practical lab work * Verification of the laws of reflection of sound

PERIODIC ASSESSMENT – II / HALF YEARLY EXAMINATION	
UNIT-III	MOTION, FORCE AND POWER
Chapter No.	Name of the Chapter
9 10	<ul style="list-style-type: none">• Force and laws of motion(Half)• Gravitation and floatation• Including syllabus of P.A-1
ACTIVITY	<ul style="list-style-type: none">• Practical Lab work• Determination of the density of solid by using a spring balance and a measuring cylinder.• Establishing the relation between the loss in weight of a solid when fully immersed in (i) Tap water (ii) strongly salty water, with the weight of water displaced by it by taking at least two different solids.

TERM: II

PERIODIC ASSESSMENT - III	
UNIT-III	MOTION, FORCE AND POWER
Chapter No.	Name of the Chapter
11 12	<ul style="list-style-type: none">• Work energy and power• Sound• Syllabus covered up to December• Including syllabus of P.A-1 and P.A.-2
ACTIVITY	<ul style="list-style-type: none">• Practical Lab work• Determination of the speed of a pulse propagated through a stretched string/slinky.• Make a project file on applications of Archimedes principle.

ANNUAL EXAMINATION
Complete Syllabus

SUBJECT: MATHEMATICS

TERM: I

PERIODIC ASSESSMENT - I	
Chapter No.	Name of the Chapter
1.	Sets
2.	Relations and Functions
5.	Complex Numbers and Quadratic Equations
ACTIVITY/PROJECT	Project on the basis of completion of the syllabus.

PERIODIC ASSESSMENT – II / HALF YEARLY EXAMINATION	
Chapter No.	Name of the Chapter
3.	Trigonometric Function
6.	Linear Inequalities
7.	Permutation and Combination
8.	Binomial Theorem
	Including the syllabus of Periodic Assessment-1
ACTIVITY/PROJECT	Activity on the basis of completion of syllabus.
	Submission of project file on the basis of given topics.

TERM: II

PERIODIC ASSESSMENT - III	
Chapter No.	Name of the Chapter
9.	Sequence and Series
10.	Straight Lines
11.	Conic Section
13.	Limit and Derivative
ACTIVITY/PROJECT	Activity on the basis of completion of syllabus.

PERIODIC ASSESSMENT - IV / ANNUAL EXAMINATION	
Chapter No.	Name of the Chapter
1.	Sets
3.	Trigonometric Function
6.	Linear Inequalities
7.	Permutation and Combination
9.	Sequence and Series
10.	Straight Lines
11.	Conic Section
12.	Introduction to Three Dimensional Geometry
13.	Limit and Derivative
15.	Statistics
16.	Probability
ACTIVITY/PROJECT	Maths practical and submission of project file.

SUBJECT: INFORMATION TECHNOLOGY

TERM: I

PERIODIC ASSESSMENT - I		
Section	Chapter No:	Name of the Chapter
A	1	Communication skills
	2	Self Management skills
B	1	Computer organization
ACTIVITY		<ul style="list-style-type: none">• Observing and sharing communication styles of friends, teachers and family members and adapting the best practices• Assigning every student a topic and students will ask questions regarding it.

PERIODIC ASSESSMENT - II / HALF YEARLY EXAMINATION		
Section	Chapter No:	Name of the Chapter
A	1	Communication skills
	3	ICT skills
B	2	Networking and Internet
	3	Office Automation Tools
ACTIVITY		<ol style="list-style-type: none">1. Group discussion on qualities of a good team2. Group discussion on strategies that are adopted for team building and team work3. Game on time management4. Checklist preparation5. To-do-list preparation
PRACTICAL		Practicals allotted by CBSE under these topics.
Including P.A. - I syllabus.		

TERM: II

PERIODIC ASSESSMENT - III		
Section	Chapter No:	Name of the Chapter
A	4	Entrepreneurship skills
	5	Green skills
B	4	RDBMS
ACTIVITY		<ul style="list-style-type: none">• Poster on showing importance of green economy with the help of newspaper/ magazine cutting.
PRACTICAL		<ul style="list-style-type: none">• Practical's allotted by CBSE under these topics.

PERIODIC ASSESSMENT - IV / ANNUAL EXAMINATION		
Section	Chapter No:	Name of the Chapter
B	5	Introduction on Java programming
PRACTICAL		<ul style="list-style-type: none">• Practical's allotted by CBSE under these topics.
Including P.A. - III syllabus.		

SUBJECT: COMPUTER SCIENCE

TERM: I

PERIODIC ASSESSMENT - I	
Chapter No.	Name of the Chapter
<u>UNIT 1:</u> Computer Systems and Organisation	<ul style="list-style-type: none">● Basic computer organization: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB)● Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler, and interpreter), application software● Operating System(OS): functions of the operating system, OS user interface● Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth tables and De Morgan's laws, Logic circuits● Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems● Encoding Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32)
ACTIVITY/PROJECT	ON THE BASIS OF TOPICS COVERED.

PERIODIC ASSESSMENT - II / HALF YEARLY EXAMINATION	
Chapter No.	Name of the Chapter
<u>UNIT 3:</u> Society, Law and Ethics	<ul style="list-style-type: none">● Digital Footprints● Digital Society and Netizen: net etiquettes, communication etiquettes, social media etiquettes● 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 Including the syllabus of Periodic Assessment-1
ACTIVITY/PROJECT	ON THE BASIS OF TOPICS COVERED.

TERM: II

PERIODIC ASSESSMENT - III

Chapter No.	Name of the Chapter
UNIT 2: Computational Thinking and Programming -I	<ul style="list-style-type: none">● Introduction to Problem-solving: Steps for Problem-solving (Analyzing the problem, developing an algorithm, coding, testing, and debugging), representation of algorithms using flowchart and pseudocode, decomposition● Familiarization with the basics of Python programming: Introduction to Python, Features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens(keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments● Knowledge of data types: Number(integer, floating point, complex), boolean, sequence(string, list, tuple), None, Mapping(dictionary), mutable and immutable data types.● Operators: arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in, not in)● Expressions, statements, 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● 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. submission of assignment
ACTIVITY/PROJECT	ON THE BASIS OF TOPICS COVERED.

PERIODIC ASSESSMENT - IV /ANNUAL EXAMINATION

Chapter No.	Name of the Chapter
UNIT 2: Computational Thinking and Programming -I	<p>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()</p> <ul style="list-style-type: none">● 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

	<p>stored in a list; linear search on list of numbers and counting the frequency of elements in a list.</p> <ul style="list-style-type: none"> • 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. • 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, 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 ’ and using from statement, importing math module (pi, e, sqrt(), ceil(), floor(), pow(), fabs (), sin(), cos (), tan()); random module (random(), randint (), randrange()), statistics module (mean(), median(), mode()).
ACTIVITY/PROJECT	ON THE BASIS OF TOPICS COVERED.

SUBJECT- HISTORY

<u>TERM: I</u>		<u>TERM: II</u>	
PERIODIC ASSESSMENT - I	PERIODIC ASSESSMENT - II / HALF YEARLY EXAMINATION	PERIODIC ASSESSMENT - III	PERIODIC ASSESSMENT - IV / ANNUAL EXAMINATION
CHAPTERS	CHAPTERS	CHAPTERS	CHAPTERS
1. Writing at city life 2. The three orders	1. Displacing Indigenous people 2. Paths to modernization	1. Nomadic People 2. Changing culture tradition	1. An empire across three continents
			<u>FULL SYLLABUS</u>
<ul style="list-style-type: none"> • Map Work • Project File • Activity 	<ul style="list-style-type: none"> • Map Work • Project File • Activity 	<ul style="list-style-type: none"> • Map Work • Project File • Activity 	<ul style="list-style-type: none"> • Map Work • Project File • Activity
<p>*Note ~ 1) Tests will be conducted regularly after completion of each chapter.</p> <p>2) Worksheets and assignments will be discussed in class after each chapter.</p>			

SUBJECT- POLITICAL SCIENCE

<u>TERM: I</u>		<u>TERM: II</u>	
PERIODIC ASSESSMENT - I	PERIODIC ASSESSMENT - II / HALF YEARLY EXAMINATION	PERIODIC ASSESSMENT - III	PERIODIC ASSESSMENT - IV / ANNUAL EXAMINATION
CHAPTERS	CHAPTERS	CHAPTERS	CHAPTERS
3. Election and Representation 4. Executive 5. Legislature 6. Judiciary	3. Federalism 4. Local Government 5. Constitution as a living document 6. Rights in the Indian Constitution	2. Political Theory 3. Freedom 4. Equality	<ul style="list-style-type: none"> • Citizenship • Nationalism • Secularism • <u>FULL SYLLABUS</u>
<ul style="list-style-type: none"> • Map Work • Project File • Activity 	<ul style="list-style-type: none"> • Map Work • Project File • Activity 	<ul style="list-style-type: none"> • Map Work • Project File • Activity 	<ul style="list-style-type: none"> • Map Work • Project File • Activity
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