

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
STD XI – HISTORY
YEAR PLAN FOR THE ACADEMIC YEAR 2024-2025

MONTH	TOPIC	SUB TOPIC	CONCEPTS
JUNE	1. Writing and City Life	<ul style="list-style-type: none"> * Mesopotamia and its geography * Significance of urbanism * Development of writing * Urbanization in southern Mesopotamia: temples and kings * Life in the city * The legacy of writing 	<ul style="list-style-type: none"> * Sources * Origin of the term Mesopotamia * Sources * Society and geography * Occupation of the people * Movement of goods into cities * Uses of writing and literacy * Urban society * Life in Ur and Mari * Contributions of Mesopotamia
JULY	2. An Empire across Three Continents	<ul style="list-style-type: none"> * The early empire * The third century crisis * Gender, literacy, culture * Social hierarchies * Late antiquity 	<ul style="list-style-type: none"> * Sources * Roman and Iranian Empire * Pillars of Roman Empire * Succession to the throne * Administration of the empire – urbanization * Structure of family * Economic activities * Monetary system and bureaucracy
UNIT TEST I JULY 31 -AUGUST 7 (25 MARKS)			
AUGUST	3. Nomadic Empires	<ul style="list-style-type: none"> * Introduction, social and political background * The career of Genghis Khan * The Mongols after Genghis Khan * Social political and military organisation * Conclusion: situating Genghis Khan and the Mongols in world history 	<ul style="list-style-type: none"> * Sources * Rise of Mongol tribe * Life and achievements of Genghis Khan * The Mongols after Genghis Khan * Social, Political and Military Organisation * Development in Trade & communication in Mongolia * The legal code of law – Yasa
SEPTEMBER	4. The Three Orders	<ul style="list-style-type: none"> * Introduction to feudalism * Second order, Knights * First order, First order * Factors affecting social and economic relations * New agricultural technology * A fourth order * Crisis of fourteenth century 	<ul style="list-style-type: none"> * Sources to know the European society * Meaning and features of feudalism * The Three Orders * Technological changes in Agriculture * New towns and townspeople * Black death Bubonic plague * Political changes between 15th and 16th centuries
TERM END EVALUATION OCTOBER 18-30 (80 MARKS)			

OCTOBER	5. Changing Cultural Traditions	<ul style="list-style-type: none"> * Revival of Italian cities * Universities and humanism * Artists and realism, Architecture * First printed books * Copernican Revolution 	<ul style="list-style-type: none"> * Sources * Renaissance * Changes occurred in Europe * Renaissance from Italy * Revival of Italian cities * Humanism and its features * Contributions of Arabs * Artist and Realism * Print technology * Condition of women * Protestant Reformation * Scientific Revolution
NOVEMBER	6. Displacing Indigenous People	<ul style="list-style-type: none"> * European Imperialism * The native peoples * Mutual perceptions * North America * Native people lose their land* Constitution rights * Australia 	<ul style="list-style-type: none"> * Sources * Geographical location of North America * Encounter of Europeans * Slavery system * Gold rush and the growth of industries * The winds of change
UNIT TEST II JANUARY 3 -10 (25 MARKS)			
DECEMBER/ JANUARY	7. Paths to Modernization	<ul style="list-style-type: none"> * Introduction, Japan, political System * Modernising the economy * Industrial workers * After Defeat reemerging as global power * China, Rise of communist party in China * Establishing new democracy * Taiwan and Korea 	<ul style="list-style-type: none"> * Japan - political system * Meiji Restoration * China * Establishing republic * The story of Korea - beginning of modernization * Two roads to modernisation
FINAL EXAMINATION FEBRUARY 17-28 (80 MARKS)			

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA

YEAR PLAN FOR THE ACADEMIC YEAR 2024-'25

STD : XI ARTIFICIAL INTELLIGENCE

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
June	PART B: Unit 1: Introduction: Artificial Intelligence for Everyone PART A:Unit 1 : Communication Skills-III PART B Unit 2: Unlocking your Future in AI:	Unit 1: Introduction To AI: What is AI? History of AI What is Machine Learning What is data? Terminology and Related Concepts What machine learning can and cannot do More examples of what machine learning can and cannot do Jobs in AI Unit 1 : Communication Skills-III: Session 1: Introduction to Communication Session 2: Verbal Communication Session 3: Non-verbal Communication Session 4: Pronunciation Basics Session 5: Communication Styles — Assertiveness Session 6: Saying No — Refusal Skills PART B Unit 2: Unlocking your Future in AI: • The Global Demand • Some Common Job Roles In AI • Essential Skills and Tools for Prospective AI Careers	Unit 1: Introduction To AI: Artificial Intelligence (AI) , Machine Learning (ML) and Deep Learning (DL) Unit 1 : Communication Skills-III: Types of communication, Communication styles Unit 2: Unlocking your Future in AI: • Common Job Roles In AI • AI Careers • Opportunities in AI

July	<p>PART B : UNIT 3 - PYTHON PROGRAMMING (Level 1)</p> <p>Level 1 : Basics of python programming, character sets, tokens, modes, operators, datatypes, Control Statements</p> <p>PART A: Unit 1 : Communication Skills-III</p>	<p>PART B Unit 2: AI Applications & Methodologies:</p> <p>Present day AI and Applications</p> <p>Key Fields of Application in AI</p> <p>Characteristics and types of AI</p> <p>Cognitive Computing (Perception, Learning, Reasoning)</p> <p>Recommended deep-dive in NLP, CV</p> <p>AI and Society</p> <p>The Future with AI, and AI in Action</p> <p>Non-technical explanation of deep learning</p> <p>PART A Unit 1 : Communication Skills-III</p> <p>Session 7: Writing Skills — Parts of Speech</p> <p>Session 8: Writing Skills — Sentences</p> <p>Session 9: Greetings and Introduction</p> <p>Session 10: Talking about Self</p> <p>Session 11: Asking Questions</p> <p>Session 12: Talking about Family</p> <p>Session 13: Describing Habits and Routines</p> <p>Session 14: Asking for Directions</p>	<p>Unit 2: AI Applications & Methodologies: AI applications, cognitive computing, Impact of AI on society</p> <p>Unit 1 : Communication Skills-III</p> <p>Writing skills, communication skills.</p> <p>UNIT 3 - PYTHON PROGRAMMING (Level 1)</p> <p>Level 1 : Basics of python programming, character sets, tokens, modes, operators, datatypes, Control Statements</p>
<p>"Unit Test I Starts: 31/07/2024</p> <p>Introduction To AI -</p> <p>Unlocking your Future in AI -</p> <p>Python Programming (Level 1) -</p> <p>Communication Skills-III -</p>			

<p>August</p>	<p>PART A: Unit 2 : Self-Management Skills-III PART B :UNIT 3 - PYTHON PROGRAMMING (Level 2) PART B: Unit 5: DATA LITERACY – DATA COLLECTION TO DATA ANALYSIS</p>	<p>Unit 2 : Self-Management Skills-III Session 1: Strength and Weakness Analysis Session 2: Grooming Session 3: Personal Hygiene Session 4: Team Work Session 5: Networking Skills Session 6: Self-motivation Session 7: Goal Setting Session 8: Time Management</p> <p>Unit 5: Data Literacy – Data Collection to Data Analysis</p> <ul style="list-style-type: none"> • What is Data Literacy? • Data Collection • Exploring Data • Statistical Analysis of data • Representation of data, Python Programs for Statistical Analysis and Data Visualization • Introduction to Matrices • Data Pre-processing • Data in Modelling and Evaluation 	<p>Unit 2 : Self-Management Skills-III Self Awareness, Importance of working in team</p> <p>UNIT 3 - PYTHON PROGRAMMING (Level 2)</p> <p>Unit 5: DATA LITERACY – DATA COLLECTION TO DATA ANALYSIS</p>
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September	<p>PART B: UNIT 8 – AI ETHICS AND VALUES</p> <p>PART A: Unit 3: Information and Communication Technology Skills-III</p>	<p>PART B: Unit 8: AI Values (Ethical Decision Making) AI: Issues, Concerns and Ethical Considerations</p> <p>PART A: Unit 3: Information and Communication Technology Skills-III Session 1: Introduction to ICT Session 2: Basic Interface of LibreOffice Writer Session 3: Saving, Closing, Opening and Printing Document Session 4: Formatting Text in a Word Document Session 5: Checking Spelling and Grammar Session 6: Inserting Lists, Tables, Pictures, and Shapes Session 7: Header, Footer and Page Number Session 8: Tracking Changes in LibreOffice Writer</p>	<p>Unit 8: AI Values (Ethical Decision Making) AI applications, Ethics , Bias , Jobs in AI age</p> <p>Unit 3: Information and Communication Technology Skills-III Basic operations in Libre Office Writer</p>
<p>"Term End Evaluation 1 Starts: 18/10/2024</p> <p>Introduction To AI - 1</p> <p>Unlocking your Future in AI .</p> <p>Python Programming -</p> <p>DATA LITERACY – DATA COLLECTION TO DATA ANALYSIS .</p> <p>Communication Skills-III -</p> <p>Self-Management Skills-III -</p>			

<p>October</p>	<p>PART B: Unit 5: INTRODUCTION TO CAPSTONE PROJECT(Practical only) - (Theory questions can be asked only for Annual exam) PART A: Unit 4 : : Entrepreneurial Skills-III</p>	<p>PART B: Unit 5: INTRODUCTION TO CAPSTONE PROJECT(Practical only) Design Thinking Empathy Map Sustainable Development Goals Capstone Project</p> <p>PART A: Unit 4 : Entrepreneurial Skills-III</p> <ul style="list-style-type: none"> • Session 1: Introduction to Entrepreneurship • Session 2: Values of an Entrepreneur • Session 3: Attitude of an Entrepreneur • Session 4: Thinking Like an Entrepreneur • Session 5: Coming Up with a Business Idea • Session 6: Understanding the Market • Session 7: Business Planning 	<p>PART B: Unit 5: INTRODUCTION TO CAPSTONE PROJECT(Practical only)</p> <p>Unit 4 : Entrepreneurial Skills-III Functions and qualities of an entrepreneur</p>
<p>November</p>	<p>PART B: UNIT 7 – LEVERAGING LINGUISTICS AND COMPUTER SCIENCE PART A: Unit 5 : Green Skills-III</p>	<p>PART B: UNIT 7 – LEVERAGING LINGUISTICS AND COMPUTER SCIENCE</p> <p>PART A: Unit 5 : Green Skills-III</p> <ul style="list-style-type: none"> • Session 1: Sectors of Green Economy • Session 2: Policies for a Green Economy • Session 3: Stakeholders in Green Economy • Session 4: Government and Private Agencies 	<p>PART B: UNIT 7 – LEVERAGING LINGUISTICS AND COMPUTER SCIENCE</p> <p>Unit 5 : Green Skills-III</p> <ul style="list-style-type: none"> • Green economy initiatives • Importance of green economy

December	PART B - UNIT 6 – MACHINE LEARNING ALGORITHMS	PART B: UNIT 6 – MACHINE LEARNING ALGORITHMS <ul style="list-style-type: none"> • Machine Learning in a nutshell • Types of Machine Learning • Supervised Learning • Understanding Correlation, Regression, Finding the line, Linear Regression algorithm 	UNIT 6 – MACHINE LEARNING ALGORITHMS
<p>Unit Test II : 03/01/2024</p> <p>Leveraging Linguistics and Computer Science -</p> <p>Green skills -</p> <p>Entrepreneurial Skills-III -</p> <p>Machine Learning Algorithms -</p>			
February	Capstone Project / Practical and Revision Practical Exam (Before February 15)	Capstone Project / Practical and Revision Practical Exam (Before February 15)	Capstone Project / Practical and Revision Practical Exam (Before February 15)

"Final Examination : 17/02/2025

Communication Skills-III 2

Self-Management Skills-III 2

ICT Skills-III 2

Entrepreneurial Skills-III 2

Green Skills-III 2

Introduction: Artificial Intelligence for Everyone - 4

Unlocking your Future in AI

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Python Programming -

Introduction to Capstone Project - 2

Data Literacy – Data Collection to Data Analysis - 4

Machine Learning Algorithms - 4

Leveraging Linguistics and Computer Science - 4

AI Ethics and Values - 4

YEAR PLAN FOR THE ACADEMIC YEAR 2024-25		STD XI ECONOMICS	
MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	1. Introduction to Statistics	What is Economics? Meaning, scope and importance of statistics in Economics	Consumer, Producer, Seller, Employer, employee, Economic activity, Consumption, Production and Distribution, Market, Economics, Statistics, Economic policy, Economic data.
	1. Introduction	Meaning of microeconomics and macroeconomics; positive and normative economics What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of Production Possibility Frontier and Opportunity Cost.	Micro & Macroeconomics, Normative & Positive economics, Economy, Central problems, PPC, Opportunity cost
JULY	2. Collection of data	Sources of data - primary and secondary; how basic data is collected, with concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organization.	Sources of data, Primary data, Secondary data, Methods of data collection, Questionnaire and preparation, Modes of data collection, Personal interview, Mailing questionnaire, Telephonic interview, Pilot survey, Census, Population & Sample, Random & non-random sampling, Sampling & non-sampling errors, NSO.
	2. Consumer's Equilibrium and Demand	Consumer's equilibrium - meaning of Utility, Marginal Utility, Law of Diminishing Marginal Utility, conditions of consumer's equilibrium using marginal utility analysis	Consumers equilibrium, Utility, MU, DMU
AUGUST	3. Organization of data	Meaning and types of variables; Frequency Distribution. frequency array, exclusive and inclusive series.	Raw data, classification of data, Types of classification, Variables & attributes, Continuous & Discrete variables, Frequency distribution, Equal & Unequal classes, Inclusive & Exclusive classes, Adjustments in class intervals, Loss of information, Frequency distribution with unequal classes, Frequency array, Bivariate frequency distribution.

	2. Consumer's Equilibrium and Demand	Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium.	Indifference curve, IC map, Budget line, Budget set.
SEPTEMBER	4. Presentation of data	Diagrammatic Presentation of Data: (i) Geometric forms (bar diagrams – Simple and Multiple, Pie diagram) (ii) Frequency diagrams (histogram, Polygon and ogive)	Textual presentation of data, tabular presentation, Parts of a table, Diagrammatic presentation, Bar diagrams & Pie diagrams, Frequency diagrams-Histogram, Polygon, Ogives, Arithmetic line graphs
	2. Consumer's Equilibrium and Demand	Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; measurement	Demand, Market demand, Demand schedule, Demand curve, Price elasticity
OCTOBER/ NOVEMBER	5. Measures of central tendency: mean (simple), median and mode	Mean, Median & Mode	Mean (simple), Median and Mode
	3. Producer Behaviour and Supply	Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product. Returns to a Factor Cost – Short run costs - Total Cost, Total Fixed Cost, Total Variable Cost; Average Cost; Average Fixed Cost, Average Variable Cost and Marginal Cost - meaning and their relationships. Revenue – Total Revenue, Average Revenue and Marginal Revenue - meaning and their relationship. Producer's Equilibrium - meaning and its conditions in terms of Marginal Revenue Marginal Cost. Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price	Production function, TP, AP, MP, TR, AR, MR, TC, AC, MC, Price elasticity, Supply

		elasticity of supply; measurement of price elasticity of supply - percentage-change method.	
NOVEMBER/ DECEMBER	6. Correlatation	meaning and properties, scatter diagram; measures of correlation - Karl Pearson's method (two variables ungrouped data) Spearman's rank correlation (Non-Repeated Ranks and Repeated Ranks).	Correlation, Scatter diagram, Ungrouped data, Repeated and non-repeated ranks
JANUARY	7. Introduction to Index numbers	meaning, types - Wholesale Price Index, Consumer Price Index and index of industrial production, uses of index numbers; Inflation and Index Numbers, Simple Aggregative Method.	Wholesale Price Index, Consumer Price Index and index of industrial production, uses of index numbers; Inflation and Index Numbers, Simple Aggregative Method.
	4. Perfect Competition - Price Determination and simple applications.	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.	Perfect competition, Price ceiling, Price floor.
FEBRUARY	REVISION/FINAL EXAM		

BHARATIYA VIDYA BHAVAN, KOCHI

STD XI ENGLISH - YEAR PLAN FOR THE ACADEMIC YEAR 2024-25

MONTH	TOPIC / SUB-TOPIC		GRAMMAR	WRITING
	HORNBILL	SNAPSHOTS		
JUNE (21 days)	L1. The Portrait of a Lady P1. A Photograph P2. The Laburnum Top	L1. The Summer of the Beautiful White Horse	G1 Tenses	W1 Poster
JULY (24 days)	L2. We're Not Afraid to Die.... if We Can All Be Together (Not included for Mid Term Evaluation 1)		G2. Sentence Reordering	
UNIT TEST I (31/07/2024 - 07/08/2024)				
AUGUST (20 days)	L3. Discovering Tut: the Saga Continues			R1. Note Making W2. Speech
SEPTEMBER (16 days)	P3. The Voice of the Rain	L2. The Address		W3. Advertisements (Classifieds) i. Situation Wanted/ vacant ii. For sale/ To Let
OCTOBER (22 days)	P4. Childhood	L3. Mother's Day	G3. IF Clauses	
TERM END EVALUATION (18/10/2024 - 30/10/2024)				
NOVEMBER (24 days)		L4. Birth	G2. Sentence Reordering	W3. Advertisements (Classifieds) iii. Automobile iv. Missing v. Lost and Found vi. Educational Institution vii. Travel and Tours
DECEMBER (17 days)	L4. The Adventure P5. Father to Son			W4. Debate
UNIT TEST II (03/01/2025 - 10/01/2025)				
JANUARY (24 days)	L5. Silk Road	L5. The Tale of Melon City	G4. Transformation of Sentences	
FEBRUARY (22 days)	Revision FINAL EXAMINATION (17/02/2025 - 28/02/2025)			

BHARATIYA VIDYA BHAVAN, KOCHI

YEAR PLAN FOR THE ACADEMIC YEAR 2024-25

SUBJECT: HOME SCIENCE

CLASS: XI

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	<p>Chapter 1 Introduction to Home Science</p> <p>Chapter 2 - Understanding the Self.</p>	<p>1. Concept of Home Science 2. Field of Home Science 3. Relevance of study of Home Science and career options</p> <p>1. Who am I? 2. Development and Characteristics of the Self(Development characteristics and needs of adolescents) 3. Influences on Identity</p>	<p>1. Definition of Home Science 2. Branches - Food and Nutrition, Human Development, Textiles and Clothing, Resource Management, Community and Extension 3. Importance and scope 4. Multidisciplinary - Combination of Science and Art.</p> <p>1. Definition and characteristics of adolescent 2. Biological and physical changes, Socio-cultural context, Emotional changes, Cognitive changes</p>
JULY	<p>Chapter 3 - Food, Nutrition, Health and Fitness</p> <p>Chapter 4 - Management of Resources</p>	<p>1. Definitions 2. Using Basic food Groups for planning Balanced Diets 3. Dietary patterns in Adolescence</p> <p>1. Classification and characteristics of resources 2. Management Process</p>	<p>1. Definition of Food, Nutrition, Nutrients, Balanced diet, RDA 2. Food Pyramid 3. Factors influencing eating behaviour 4. Eating disorders - Anorexia Nervosa and Bulimia Nervosa</p> <p>1. Human and non-human resources 2. Process - Planning, Organising, Implementing, Controlling and Evaluation</p>
JULY	UNIT TEST 1- CHAPTERS 1,2 & 3		

AUGUST	Chapter 5- Fabric Around us	<ol style="list-style-type: none"> 1. Definitions 2. Classification of fibres 3. Yarn processing 4. Properties of fibre 5. Fabric production 6. Textile finish 	<ol style="list-style-type: none"> 1. Fibre, yarn 2. Length - staple, filament; Origin - natural and manmade 3. Spinning 4. Physical, thermal, chemical and biological. 5. Weaving, Knitting, felting, Braiding 6. Basic and special finishes
	Chapter 6 - Media and Communication Technology	<ol style="list-style-type: none"> 1. Definition 2. Classification 3. Functions of media 4. Classification of communication technology 	<ol style="list-style-type: none"> 1. Communication 2. Interpersonal and intrapersonal; Group and mass communication 3. Modern communication technologies
SEPTEMBER - OCTOBER	Chapter 7- Concerns and needs in diverse contexts	<ol style="list-style-type: none"> 1. Nutrition, Health and Hygiene 2. Resources Availability and Management 	<ol style="list-style-type: none"> 1. Dimensions and indicators of health 2. Factors affecting nutritional well being 3. Malnutrition, Hygiene and Sanitation 4. Time management 5. Space management
OCTOBER	TERM END EVALUATION - CHAPTERS 1,2,3,4,5&6		
NOVEMBER	Chapter 8 -Survival, Growth and Development	<ol style="list-style-type: none"> 1. Growth and development 2. Aspects of development 	<ol style="list-style-type: none"> 1. Difference and meaning of growth and development 2. Physical, Social, Emotional, Cognitive, Language and Motor Development
	Chapter 9 - Nutrition, Health and Wellbeing	<ol style="list-style-type: none"> 1. Nutrition, Health and Well-being during infancy (birth – 12 months) 2. Nutrition, Health and well-being of preschool children (1-6 years) 3. Nutrition, Health and well-being of school-age children (7-12 years) 	<ol style="list-style-type: none"> 1. Immunity, Immunization, importance of breast feeding, weaning,nutritional problems (0-1year) 2. Planning of balanced meal (1-6 years) 3. Diet planning and healthy habits (7-12 years)

DECEMBER	Chapter 10 - Our Apparel	<ol style="list-style-type: none"> 1. Clothing functions and the selection of clothes 2. Factors affecting selection of clothing in India 3. Understanding children"s basic clothing needs 4. Clothing requirements at different childhood stages 	<ol style="list-style-type: none"> 1. Modesty, Protection, Status and prestige,Adornment 2. Age, Climate and season, Occasion, Fashion, Income 3. Comfort, Safety, Self help, Appearance, Allowance for growth, Easy care, Fabrics 4. Infancy, Childhood, Adolescents, CWSN
	Chapter 11 - Health and Wellness	<ol style="list-style-type: none"> 1. Fitness and benefits of physical activity 2. Categories of exercises 3. Dimensions of wellness 4. Coping with stress 	<ol style="list-style-type: none"> 1. Exercise - Aerobic, strength building, flexibility 2. Dimensions of wellness - Social aspect, Physical aspect, Intellectual aspect, Occupational aspect, Emotional aspect, Spiritual aspect, Environmental aspect, Financial aspect, 3. Simple techniques to cope with stress - Relaxation, Talking with friends/family, Reading, Spirituality, Music, Hobby, Yoga
JANUARY	UNIT TEST 2- CHAPTERS 7,8,&9		
JANUARY	Chapter 12 - Financial Management and planning	<ol style="list-style-type: none"> 1. Types of family income 2. Expenditure 3. Budget making 4. Savings 5. Investment 6. Credit 	<ol style="list-style-type: none"> 1. Money, real and psychic income and factors affecting income. 2. Definition and factors affecting expenditure 3. Investment - Bank, PO, LIC,PF 4. Credit - 4Cs
	Chapter 13 - Care and Maintenance of fabrics	<ol style="list-style-type: none"> 1. Need for care of clothes 2. Laundering and storage of different types of clothes 3. Stain removal 4. Care label 	<ol style="list-style-type: none"> 1. Soaps and detergents, General rules for storage 2. Techniques and reagents for stain removal, Principles of stain removal 3. Washing instructions on care label
FEBRUARY	REVISION AND ANNUAL EXAMINATION		

**BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
INFORMATICS PRACTICES
YEAR PLAN FOR THE ACADEMIC YEAR 2024-25**

CLASS: XI

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	Unit: 2 Introduction to Python	Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators, data types, mutable and immutable data types, statements, expression evaluation. comments, input and output statements, data type conversion, debugging.	Python IDE, Python Tokens, Data types, Expressions, Statements, Input and Output, Debugging
JULY	Unit: 2 Introduction to Python	Control Statements: if-else, if-elif-else, while loop, for loop	Concept of conditional statement Concept of Iteration

UNIT TEST 1 (31/07/2024 - 07/08/2024)

TOPICS- Basics of Python programming, Selection statements(loops not included for the exam)

AUGUST	Unit: 2 Introduction to Python	Control Statements: for loop Lists: list operations - creating, initializing, traversing and manipulating lists	Concept of Iteration Concept of List
SEPTEMBER	Unit: 2 Introduction to Python	list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()	Concept of List
OCTOBER	Unit: 2 Introduction to Python	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements. Dictionary: dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear()	Concepts of Dictionary : Key-value pair Concept of Dictionary methods and built-in functions.

TERM END EVALUATION (18/10/2024 - 30/10/2024)

TOPICS- Basics of Python programming, Control statements, Lists, Dictionary(built functions of dictionary are not included)

<p>NOVEMBER</p>	<p>Unit 1 Introduction to Computer System</p>	<p>Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software.</p>	<p>Concepts of Computer System</p>
<p>DECEMBER</p>	<p>Unit 3: Database concepts and the Structured Query Language</p>	<p>Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key, Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER</p>	<p>Concept of Database and Structured query language, Data types in MySQL, SQL for data definition</p>

JANUARY	Unit 3: Database concepts and the Structured Query Language	Data Query: INSERT,SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: DELETE, UPDATE	Data insertion, Data Updation and Deletion
UNIT TEST 2 (03/01/2025 - 10/01/2025) TOPICS- Dictionary built in functions, Database concepts and the Structured Query Language , Introduction to creating database, creating tables, drop , alter)			
FEBRUARY	Unit 4: Introduction to the Emerging Trends	Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	Artificial Intelligence,Big data and its characteristics,IOT, Cloud Computing and Cloud Services
FINAL EVALUATION (17/02/2025 - 28/02/2025) TOPICS- Introduction to Python programming, Database concepts and the Structured Query, Introduction to the emerging trends			

BHARATIYA VIDYA BHAVAN, KOCHI
YEAR PLAN FOR THE ACADEMIC YEAR 2024-25
Subject: PSYCHOLOGY (037)

Class: XI

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	Chapter 1 What is Psychology?	What is psychology? Understanding mind and behaviour Popular notion about the discipline of psychology. Evolution of psychology development of psychology in India Branches of psychology Psychology and other disciplines Psychology in every day life	Psychology as a discipline. Psychology as a natural science. Psychology as a social science.
JULY	Chapter 2 Methods of Enquiry in Psychology	Goals of psychological enquiry, Nature of psychological data, some important methods in psychology, Analysis of Data, Limitations of Psychological Enquiry, Ethical Issues	Steps in conducting psychological research, Observational Method Experimental Method Correlational Research Survey Research Psychological Testing Case Study Quantitative Method , Qualitative Method
UNIT TEST- 1- 31- 07.08.2024 (25 marks)			
AUGUST	Chapter 3 Human Development	Meaning of Development Factors Influencing Development Context of Development Stages of human development	Life-Span Perspective on Development, Prenatal Stage Infancy, Childhood, Challenges of Adolescence, Adulthood and Old Age

SEPTEMBER	Chapter 4 Sensory, Attentional and Perceptual Processes	Knowing the world,Nature and varieties of Stimulus,Sense Modalities,Attentional Processes,Perceptual Processes,The Perceiver,Principles of Perceptual Organisation,Perceptual Constancies, Illusions,Socio-Cultural Influences on Perception	Functional limitation of sense organs, Selective Attention, Sustained Attention,Processing Approaches in Perception, Monocular Cues and Binocular Cues
OCTOBER - REVISION TERM END EVALUATION- 18.10.2024 (70 marks)			
NOVEMBER	Chapter 5 Learning	Nature of Learning, Paradigms of Learning, Classical Conditioning, Operant/Instrumental Conditioning, Observational Learning, Cognitive Learning, Verbal Learning,Skill Learning, Factors Facilitating Learning,Learning Disabilities	Determinants of Classical Conditioning, Determinants of Operant Conditioning Key Learning Processes
DECEMBER	Chapter 6 Human Memory	Information Processing Approach Memory Systems ,Levels of Processing, Types of Long-term Memory, Nature and Causes of Forgetting, Enhancing Memory	The Stage Model Memory Systems : Sensory, Short-term and Longterm Memories, Declarative and Procedural; Episodic and Semantic, Forgetting due to Trace Decay, Interference and Retrieval Failure, Mnemonics using Images and Organisation
DEC/JANUARY	Chapter 7 - Thinking	Nature of Thinking, The Processes of Thinking, Problem Solving, Reasoning, Decision-making, Nature and Process of Creative Thinking, Thought and Language, Development of Language and Language Use	Building Blocks of Thought,Nature of Creative Thinking Process of Creative Thinking

UNIT TEST-2 - 03.01.2025 (25 marks)

JAN/FEBRUARY	Chapter 8 - Motivation and Emotion	Nature of Motivation, Types of Motives Maslow's Hierarchy of Needs, Nature of Emotions, Expression of Emotions, Managing Negative Emotions, Enhancing Positive Emotions	Biological Motives Psychosocial Motives, Culture and Emotional Expression Culture and Emotional Labelling
FINAL EXAMINATION- 17.02.2025 (70+30=100 marks)			