

YEAR PLAN FOR THE ACADEMIC YEAR 2023-24

ENGLISH CORE STD XII			
MONTH	TOPIC/SUBTOPIC		WRITING
	FLAMINGO	VISTAS	
MARCH/ APRIL	1. THE LAST LESSON 2. LOST SPRING P1. MY MOTHER AT SIXTY SIX	1. THE THIRD LEVEL 2. THE TIGER KING	
JUNE	P2. KEEPING QUIET 3. DEEP WATER	3. JOURNEY TO THE END OF THE EARTH	1. NOTICE
UNIT TEST 1 (JUNE 12-16) <u>PORTIONS</u> SECTION B (WRITING) 1. Notice SECTION C - (LITERATURE) FLAMINGO 1. The Last Lesson, 2. Lost Spring, 3. My Mother At Sixty Six (Poem) VISTAS 1. The Third Level			
JULY	4. THE RATTRAP P3. A THING OF BEAUTY		2. LETTER TO THE EDITOR
UNIT TEST 2 (JULY 31 - AUG 4) <u>PORTIONS</u> SECTION B (WRITING) 1. Letter to the Editor SECTION C - (LITERATURE) FLAMINGO 1. Deep Water, 2. Keeping Quiet (Poem) VISTAS 1. The Tiger King, 2. Journey To The End Of The Earth			
AUGUST	P4. A ROADSIDE STAND P5. AUNT JENNIFER'S TIGERS	4. THE ENEMY	3. REPORT WRITING (NEWSPAPER AND MAGAZINE)
SEPTEMBER	5. INDIGO 6. POETS AND PANCAKES		4. INVITATION - FORMAL & INFORMAL REPLY TO INVITATION
OCTOBER	7. THE INTERVIEW	5. ON THE FACE OF IT	5. ARTICLE 6. JOB APPLICATION LETTER
END TERM EXAMINATION 1 (OCT 5 - 13) <u>PORTIONS</u> SECTION A (READING) I. Unseen Passage, II. Unseen Case-based passage SECTION B (WRITING) I. Notice, II. Invitation, III. Letter to the Editor, IV. Report SECTION C (LITERATURE) FLAMINGO Prose 1. The Last Lesson, 2. Lost Spring, 3. Deep Water, 4. The Rattrap, 5. Indigo Poetry 1. My Mother At Sixty Six, 2. Keeping Quiet, 3. A Thing Of Beauty, 4. A Roadside Stand, 5. Aunt Jennifer's Tigers VISTAS 1. The Third Level, 2. The Tiger King, 3. Journey To The End Of The Earth, 4. The Enemy			
NOVEMBER	8. GOING PLACES	6. MEMORIES OF CHILDHOOD	
FIRST MODEL EXAMINATION (5TH -18TH DECEMBER) SECOND MODEL EXAMINATION (4TH -17TH JANUARY)			

BHARATIYA VIDYA BHAVAN KOCHI

YEAR PLAN FOR THE ACADEMIC YEAR 2023-24	
STD: XII - SUBJECT: ECONOMICS (030)	
MONTH	TOPIC
March/April	Unit 1: Development Experience (1947-90) Indian economy on the eve of Independence Indian economy 1950-90
March/April	Unit 2: Money & Banking FIRST UNIT TEST
June	Unit 2: Economic Reforms since 1991 (LPG) Unit 3 : Current Challenges 5: HCF Unit 1 National Income : Basic concepts
July	National Income and related aggregates SECOND UNIT TEST

August	Unit 4: Government budget and the economy 6.Rural development 7:Employment
September	Unit 5: Balance of Payments & Foreign Exchange TERM END EVALUATION Unit 3: Current challenges 9: Environment and Sustainable Development
October	Unit 3: Determination of income and employment
November	Unit 4: Comparative Development Experiences of India and its neighbours
December	FIRST MOEL EXAMINATION

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN FOR THE ACADEMIC YEAR 2023- 2024
STD XII - PHYSICS

APRIL	Chapter-1: Electric Charges and Fields Chapter-2: Electrostatic Potential and Capacitance
JUNE	Chapter-3: Current Electricity Chapter-4: Moving Charges and Magnetism FIRST UNIT TEST (12-06-23 TO 16-06-23) E lectric Charges and Fields -17 MARKS, Electrostatic Potential and Capacitance (upto conductors & insulators) - 8 MARKS

<p style="text-align: center;">JULY</p>	<p>Chapter-4: Moving Charges and Magnetism(continues)</p> <p>Chapter-5: Magnetism and Matter</p> <p>SECOND UNIT TEST (31-07-23 TO 04-08-23) Electrostatic Potential and Capacitance (from capacitors and capacitance) - 5 MARKS, Current Electricity -12 MARKS, Moving Charges and Magnetism (upto force on a moving charge in uniform magnetic and electric fields.) - 8 MARKS</p>
<p style="text-align: center;">AUGUST</p>	<p>Chapter-6: Electromagnetic Induction</p> <p>Chapter-7: Alternating Current</p>
<p style="text-align: center;">SEPTEMBER</p>	<p>Chapter-8: Electromagnetic Waves</p> <p>Chapter-9: Ray Optics and Optical Instruments</p> <p>Chapter-10: Wave Optics</p>

<p style="text-align: center;">OCTOBER</p>	<p>Chapter–11: Dual Nature of Radiation and Matter Chapter–12: Atoms Chapter–13: Nuclei</p> <p>TERM END EVALUATION (05-10-23 TO 13-10-23) Electric Charges and Fields & Electrostatic potential and capacitance - 15 MARKS, Current Electricity - 8 MARKS, Moving Charges and Magnetism & Magnetism and Matter - 15 MARKS, EMI & AC - 15 MARKS, EM Waves- 5 MARKS, Ray Optics (upto Optical instruments)- 12 MARKS</p>
<p style="text-align: center;">NOVEMBER</p>	<p style="text-align: center;">Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits</p>
<p style="text-align: center;">DECEMBER</p>	<p>FIRST MODEL EXAM (ALL CHAPTERS) (05-12-23 TO 18-12-23)</p>
<p style="text-align: center;">JANUARY</p>	<p>SECOND MODEL EXAM (ALL CHAPTERS) (04-01-24 TO 17-01-24)</p>

BHARATIYA VIDYA BHAVAN, KOCHI	
YEAR PLAN FOR THE ACADEMIC YEAR 2023-24	
CLASS XII CHEMISTRY	
MONTH	TOPIC
MARCH/APRIL	UNIT 1- SOLUTIONS UNIT 6- HALOALKANES AND HALOARENES
JUNE	UNIT 6- HALOALKANES AND HALOARENES UNIT 7-ALCOHOLS,PHENOLS AND ETHERS
FIRST UNIT TEST (12/06/2023-16/06/2023) PORTIONS -1. SOLUTIONS (13) 6.HALOALKANES AND HALOARENES (12)	
JULY	UNIT 8 -ALDEHYDES,KETONES AND CARBOXYLIC ACIDS
SECOND UNIT TEST(31/07/2023 - 04/08/2023) PORTIONS- 7. ALCOHOS , PHENOLS AND ETHERS (14) 8.ALDEHYDES , KETONES AND CARBOXYLIC ACIDS - UPTO REDUCTION. (REDUCTION NOT INCLUDED)(11)	
AUGUST	UNIT 2- ELECTROCHEMISTRY
SEPTEMBER	UNIT 3- CHEMICAL KINETICS UNIT 10- BIOMOLECULES
OCTOBER	UNIT 4- d AND f BLOCK ELEMENTS UNIT 5- COORDINATION COMPOUNDS
TERM END EVALUATION (05/10/23 - 13/10/23) PORTIONS - 1. SOLUTIONS (8) 6. HALOALKANES AND HALOARENES (10) 7. ALCOHOLS , PHENOLS AND ETHERS (10) 8. ALDEHYDES , KETONES AND CARBOXYLIC ACIDS (15) 2. ELECTROCHEMISTRY (15) 3. CHEMICAL KINETICS (12)	
NOVEMBER	UNIT 5- COORDINATION COMPOUNDS UNIT 9- AMINES
DECEMBER	FIRST MODEL EXAMINATION - (05/12/2023 -18/12/2023)
JANUARY	SECOND MODEL EXAMINATION - (04/01/2024 -17/01/2024)

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA	
STD XII - BOTANY - YEAR PLAN	
2023-2024	
MONTH	TOPIC
MARCH/ APRIL	4.Principles of Inheritance and variation
JUNE	4.Principles of Inheritance and variation (Contd.)
FIRST UNIT TEST CHAPTER 4: Principles of Inheritance and variation -Upto 4.6.2 (included)	
JUNE/ JULY	5.Molecular basis of inheritance
AUGUST	5.Molecular basis of inheritance(Contd.)
SECOND UNIT TEST CHAPTERS 4 and 5 4. Principles of Inheritance and variation-4.7 to 4.8.3 5. Molecular basis of Inheritance -5.1 to 5.3 (Included)	
SEPTEMBER	1-Sexual Reproduction in Flowering Plants
OCTOBER	9-Biotechnology Principles and Processes
TERM END EVALUATION CHAPTERS 1, 4, 5 and 9 1-Sexual Reproduction in Flowering Plants 4.Principles of Inheritance and variation 5.Molecular basis of inheritance 9-Biotechnology Principles and Processes (9.1 TO 9.2.2) - 9.2.2 onwards NOT included	
OCTOBER - NOVEMBER	10-Biotechnology and its Applications
MODEL EXAMINATION [FULL PORTIONS]	

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA	
STD XII – ZOOLOGY – YEAR PLAN	
2023-2024	
MONTH	TOPIC
MARCH - APRIL	CHAPTER 2 HUMAN REPRODUCTION
JUNE	HUMAN REPRODUCTION contd..

**FIRST UNIT TEST (JUNE 12 - 16) CHAPTER 2. HUMAN REPRODUCTION 2.1 TO 2.5
(EXCLUDING 2.5 FERTILIZATION AND IMPLANTATION)**

JUNE	CHAPTER 3 REPRODUCTIVE HEALTH
JULY	CHAPTER 6 EVOLUTION

**SECOND UNIT TEST (JULY 31 - AUGUST 4) CHAPTER 2 HUMAN REPRODUCTION
(FROM 2.5 TILL THE END OF THE CHAPTER) AND CHAPTER 3 REPRODUCTIVE
HEALTH**

AUGUST	CHAPTER 7 HUMAN HEALTH AND DISEASE
AUGUST	CHAPTER 8 MICROBES IN HUMAN WELFARE
SEPTEMBER	CHAPTER 11 ORGANISMS AND POPULATIONS
SEPTEMBER	CHAPTER 12 ECOSYSTEM
OCTOBER	CHAPTER 13 BIODIVERSITY AND ITS CONSERVATION

TERM END EVALUATION (OCTOBER 5 - 13) CH 2, 3, 6 AND 7

NOVEMBER	REVISION
FIRST MODEL EXAMINATION (DECEMBER 5 - 18) FULL PORTIONS	
SECOND MODEL EXAMINATION (JANUARY 4 - 17) FULL PORTIONS	

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
STD XII YEAR PLAN MATHEMATICS (041)

MONTH	TOPIC
MARCH	3.MATRICES
APRIL	4.DETERMINANTS
JUNE	1.RELATIONS AND FUNCTIONS (Not for first Unit Test)
FIRST UNIT TEST	
	2 .INVERSE TRIGONOMETRIC FUNCTIONS
	12 .LINEAR PROGRAMMING
JULY	5 .CONTINUITY & DIFFERENTIABILITY
	6 .APPLICATION OF DERIVATIVES (Not for the second Unit Test)
SECOND UNIT TEST	
AUGUST	7.INTEGRALS (Not for the Term end evaluation)
SEPTEMBER	8.APPLICATION OF INTEGRATION(Not for the Term end evaluation)
	9.DIFFERENTIAL EQUATIONS (Not for the Term end evaluation)
TERM END EVALUATION	(Chapters 1,2,3,4,5,6,12)
OCTOBER	10.VECTOR ALGEBRA
	11.THREE- DIMENSIONAL GEOMETRY
NOVEMBER	13.PROBABILITY
DECEMBER	FIRST MODEL EXAMINATION

BHARATIYA VIDYA BHAVAN , KOCHI KENDRA		
<u>YEAR PLAN FOR THE ACADEMIC YEAR 2023-24</u>		
<u>SUBJECT : COMPUTER SCIENCE</u>		STD XII
MONTH	TOPIC	SUB-TOPICS
MARCH/ APRIL	~ Computational Thinking and Programming ~ Database Management	~ Revision of Python topics covered in Class XI. ~ Functions ~ Database Management
JUNE	~ Computational Thinking and Programming ~ Database Management	~ Database Management ~ Exception Handling
FIRST UNIT TEST - 12/06/2023 to 16/06/2023 (Portion: Std XI Revision Tour (strings, lists, dictionaries,tuples), functions)		
JULY	~ Computational Thinking and Programming	~ Interface of python with an SQL database ~ Data Structure
SECOND UNIT TEST - 31/07/2023 to 04/08/2023 (Portion:SQL, Interface python with MySQL, Datastructure)		
AUGUST	~ Computational Thinking and Programming	~ Introduction to files
SEPTEMBER	~ Computational Thinking and Programming	~ Introduction to files
TERM END EVALUATION - 05/10/2023 to 13/10/2023 (Portion: Functions, SQL, Interface Python with SQL, Stack, Files)		
OCTOBER	~ Computer Networks	~ Computer Networks
NOVEMBER	~ Computer Networks	~ Computer Networks
DECEMBER	FIRST MODEL EXAM - 05/12/2023 to 18/12/2023	
JANUARY	SECOND MODEL EXAM - 04/01/2024 to 17/01/2024	

BHARATIYA VIDYA BHAVAN ,KOCHI	
YEAR PLAN FOR THE ACADEMIC YEAR 2023-24	
SUBJECT: HOME SCIENCE	CLASS:XII
MONTH	TOPIC
MARCH	Chapter 1 - Work, livelihood and Career
APRIL	Chapter 2 - Clinical Nutrition and Dietetics
JUNE	Chapter 3 Public Nutrition and Health
JUNE	FIRST UNIT TEST - CHAPTERS 1,2&3
JUNE	Chapter 4 Food Processing and Technology
JULY	Chapter 5 - Food Quality and Food Safety Chapter 6 - Early Childhood Care and Education Chapter 7 - Management of Support Services, Institutions and Programmes for Children, Youth and Elderly
JULY	SECOND UNIT TEST - CHAPTERS 4,5&6
AUGUST	Chapter 8 - Design for Fabric and Apparel
SEPTEMBER	Chapter 9 - Fashion Design and Merchandising Chapter 10 - Care and Maintenance of Fabrics in Institutions
OCTOBER	TERM END EXAMINATION - CHAPTERS 1, 2, 3, 4, 5, 6, 7 & 8
OCTOBER	Chapter 11 - Hospitality Management
NOVEMBER	Chapter 12 - Consumer Education and Protection Chapter 13: Development communication and Journalism
DECEMBER	FIRST MODEL EXAMINATION
JANUARY	SECOND MODEL EXAMINATION

BHARATIYA VIDYA BHAVAN ,KOCHI		
YEAR PLAN FOR THE YEAR 2023-2024		
CLASS	XII	
SUBJECT	INFORMATICS PRACTICES	
MONTH	TOPIC	SUB TOPICS
MARCH	UNIT 3: Introduction to computer networks	Introduction to networks, Types of network: PAN, LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.
APRIL	UNIT 1 :Data Handling using Pandas and Data Visualization	Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Data Frames. Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head and Tail functions; Selection, Indexing and Slicing
JUNE	UNIT 1 :Data Handling using Pandas and Data Visualization	Data Frames: creation - from dictionary of Series, list of dictionaries.
First unit test begins on 12/06/2023		
JULY	UNIT 1 :Data Handling using Pandas and Data Visualization	Dataframe- display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; creation of Dataframes from Text/CSV files; Importing/Exporting Data between CSV files and Data Frames.
Second Unit test begins on 31/07/2023		
AUGUST	UNIT 1 :Data Handling using Pandas and Data Visualization	Data Visualization Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram, Customizing plots: adding label, title, and legend in plots.
SEPTEMBER	Unit 2:Database Query using SQL	Revision of database concepts and SQL commands covered in class XI Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME ().
OCTOBER	Unit 2:Database Query using SQL	Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by
Term End begins on 05/10/2023		
NOVEMBER	Unit 2:Database Query using SQL Unit4: Societal Impacts	Working with two tables using equi-join Societal Impacts:- Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, Free and open source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology.
DECEMBER	First Model: 05/12/2023 to 15/12 /2023 Second Model : 04/01/2024 to 17/01/2024	