

BIHANI ACADEMY

Syllabus Split Up for the Academic Year 2023-24

CLASS- XII (SCIENCE)

Subject English

NAME OF EXAMINATION	NAME OF THE CHAPTER
PT 1	1. The Last Lesson
	2. My Mother at Sixty Six
	3. Notice Writing
PT 2	1. Lost Spring
	2. Keeping Quiet
	3. The Third Level
	4. Article Writing
PRE BOARDS	LITERATURE
	1. Deep Water
	2. An Elementary School Classroom in a Slum
	3. Going Places
	4. The Enemy
	5. The Tiger King
	6. Journey to the End of the Earth
	7. We Too are Human Being
	8. The Last Lesson
	9. My Mother at Sixty Six
	10. Notice Writing
	11. Lost Spring
	12. Keeping Quiet
	13. The Third Level
	LANGUAGE
	14. Classified Advertisements
	15. Letter to the Editor
	16. Notice Writing
17. Article Writing	
18. Reading Comprehension	
PT 3	LITERATURE
	1. The Rattrap
	2. Indigo
	3. A Thing of Beauty
PRE BOARDS	LITERATURE
	4. Letter of Application for a Job
	1. The Rattrap
	2. Indigo
	3. Poets and Pancakes
	4. The Interview
	5. Should Wizard Hit Mommy?
	6. On the Face of It
	7. Evans Tries an O Level
	8. Memories of Childhood
	9. A Thing of Beauty
	10. Aunt Jennifer's Tigers
	11. A Roadside Stand
12. A Thing of Beauty	
13. Aunt Jennifer's Tigers	
LANGUAGE	
14. Formal & Informal Invitation Cards or Replies to Invitations	
15. Letter of Application for a job	
16. Report Writing	
17. Reading Comprehension	

SUBJECT- PHYSICS	
NAME OF THE EXAMINATION	CHAPTER NAME
PT-1	Chapter 1 Electric Charges And Fields
	Chapter 2 Electrostatic Potential And Capacitance
PT-2	Chapter 3 Current Electricity
	Chapter 3 Current Elect
	Chapter 5 Magnetism And Matter
HALF YEARLY EXAMINATION	Chapter 1 Electric Charges And Fields
	Chapter 2 Electrostatic Potential And Capacitance
	Chapter 3 Current Electricity
	Chapter 3 Current Electricity
	Chapter 5 Magnetism And Matter
	Chapter 6 Electromagnetic Induction
PT-3	Chapter 7 Alternating Current
	Chapter 8 Electromagnetic Waves
PRE-BOARD EXAMINATION	Chapter 11 Dual Nature Of Radiation And Matter
	Chapter 12 Atoms
	Chapter 13 Nuclei
	Chapter 14 Semiconductor Electronics Materials Devices And Simple Circuits
	Chapter 14 Semiconductor Electronics Materials Devices And Simple Circuits
PRE-BOARD EXAMINATION	Chapter 1 Electric Charges And Fields
	Chapter 2 Electrostatic Potential And Capacitance
	Chapter 3 Current Electricity
	Chapter 3 Current Electricity
	Chapter 5 Magnetism And Matter
	Chapter 6 Electromagnetic Induction
	Chapter 7 Alternating Current
	Chapter 8 Electromagnetic Waves
	Chapter 9 Ray Optics and Optical Instruments
	Chapter 10 Wave Optics
	Chapter 11 Dual Nature Of Radiation And Matter
	Chapter 12 Atoms
	Chapter 13 Nuclei
	Chapter 14 Semiconductor Electronics Materials Devices And Simple Circuits
Chapter 14 Semiconductor Electronics Materials Devices And Simple Circuits	
SUBJECT- CHEMISTRY	
NAME OF THE EXAMINATION	CHAPTER NAME
PT-1	CH-1 Solid state
	CH-2 Solution
	CH-3 Electrochemistry
PT-2	CH-4 Chemical Kinetics
	CH-5 Surface Chemistry
	CH-10 Haloalkanes and haloarenes
	CH-11 Alcohols , phenol and ethers
HALF YEARLY EXAMINATION	CH-1 Solid state
	CH-2 Solution
	CH-3 Electrochemistry
	CH-4 Chemical Kinetics
	CH-5 Surface Chemistry
	CH-6 General principles and process of isolation of elements
	CH-10 Haloalkanes and haloarenes
	CH-11 Alcohols , phenol and ethers
CH-12 Aldehyde , Ketones and carboxylic acids	
PT-3	CH-7 The p block elements
	CH-8 d and f block elemets
	CH-9 Coordination compounds
	CH-13 Amines
ANNUAL EXAMINATION	CH-1 Solid state
	CH-2 Solution
	CH-3 Electrochemistry
	CH-4 Chemical Kinetics
	CH-5 Surface Chemistry
	CH-6 General principles and process of isolation of elements
	CH-7 The p block elements
	CH-8 d and f block elemets
	CH-9 Coordination compounds
	CH-10 Haloalkanes and haloarenes
	CH-11 Alcohols , phenol and ethers
	CH-12 Aldehyde , Ketones and carboxylic acids
	CH-13 Amines
	CH-14 Biomolecules
	CH-15 Polymers
	CH-16 Chemistry in everyday life

Subject- BIOLOGY	
PT I	Principles of Inheritance , Molecular basis of Inheritance
PT II	Human Reproduction , Evolution , Reproductive Health
HALF YEARLY EXAMINATION	Principles of Inheritance , Molecular basis of Inheritance
	Human Reproduction , Evolution , Reproductive Health
	Sexual Reproduction in flowering plants , Human health and disease
PT III	Microbes in Human Welfare , Biotechnology Principles and processes.
PRE-BOARD EXAMINATION	Principles of Inheritance , Molecular basis of Inheritance
	Human Reproduction , Evolution , Reproductive Health
	Sexual Reproduction in flowering plants , Human health and disease
	Microbes in Human Welfare , Biotechnology Principles and processes.
	Biotechnology - Applications. Organism and Population , Ecosystem , Biodiversity and Conservation
SUBJECT: MATHEMATICS	
NAME OF THE EXAMINATION	CHAPTER NAME
PT-1	Ch 1. Relations and Functions
	Ch 3. Matrices
PT-2	Ch 2. Inverse Trigonometric Functions
	Ch 4. Determinants
	Ch 5. Continuity and Differentiability
Term-1	Ch 10. Vector Algebra
	Ch 11. Three Dimensional Geometry
	Ch 6. Applications of Derivatives
	Ch 12. Linear Programming
PT-3	Ch 13. Probability
	Ch 7. Integrals
	Ch 8. Applications of Integrals
	Ch 9. Differential Equations
SUBJECT- Computer Science	
NAME OF THE EXAMINATION	CHAPTER NAME
PT1	CH-1 REVIEW OF PYTHON BASICS
	CH-2 FUNCTIONS
PT-2	CH-2 FUNCTIONS
	CH-6 COMPUTER NETWORKS
Term-1	CH-1 REVIEW OF PYTHON BASICS
	CH-2 FUNCTIONS
	CH-6 COMPUTER NETWORKS
	CH-4 DATA FILE HANDLING
	CH-5 DATA STRUCTURES IN PYTHON
PT-3	CH-5 DATA STRUCTURES IN PYTHON
	CH-7 RELATIONAL DATABASE AND SQL
Pre-Board	CH-1 REVIEW OF PYTHON BASICS
	CH-2 FUNCTIONS
	CH-4 DATA FILE HANDLING
	CH-5 DATA STRUCTURES IN PYTHON
	CH-6 COMPUTER NETWORKS
	CH-7 RELATIONAL DATABASE AND SQL
	CH-8 INTERFACE PYTHON WITH SQL

SUBJECT: Physical Education	
Name of the examination	Chapter Name
PT-1	Management in Sports Events
	Children and women in sports
	Yoga as preventive measure for lifestyle disease
PT-2	Physical Education and Sports for CWSN
	Sports and Nutrition
	Test and measurement in sports
Term - 1	Management in Sports Events
	Children and women in sports
	Yoga as preventive measure for lifestyle disease
	Physical Education and Sports for CWSN
	Sports and Nutrition
PT-3	Test and measurement in sports
	Physiology and injuries in sports
	Biomechanics and sports
Pre-Board	Physiology and injuries in sports
	Biomechanics and sports
	Psychology and sports
	Training in sports
SUBJECT- IT	
NAME OF THE EXAMINATION	CHAPTER NAME
PT-1	CH-1 DATABASE CONCEPTS
	CH-2 OPERATING WEB
PT-2	EMPLOYBILITY SKILLS
	CH-4 Entrepreneurship Skills
Term-1	CH-1 DATABASE CONCEPTS
	CH-2 OPERATING WEB
	EMPLOYBILITY SKILLS
	CH-4 Entrepreneurship Skills
	CH-3 Information and Communication Technology Skills
PT-3	CH-3 FUNDAMENTALS OF JAVA PROGRAMMING
	CH-1 DATABASE CONCEPTS
Pre-Board	CH-2 OPERATING WEB
	CH-3 FUNDAMENTALS OF JAVA PROGRAMMING
	CH-4 WORK INTEGRATED LEARNING IT-DMA
	EMPLOYBILITY SKILLS
	CH-1 COMMUNICATION SKILLS
	CH-2 SELF MANAGEMENT SKILLS
	CH-3 Information and Communication Technology Skills
	CH-4 Entrepreneurship Skills
CH-5 GREEN SKILLS	
Subject - Yoga	
Name of the examination	Chapter Name
PT-1	Communication Skills-IV
	Introduction to yoga and yogic practice-II
PT-2	Self-Management Skills - IV
	Information & Communication Technology Skills-IV
Term - 1	Introduction to yoga Texts-II
	Communication Skills-IV
	Introduction to yoga and yogic practice-II
	Self-Management Skills - IV
PT-3	Information & Communication Technology Skills-IV
	Introduction to yoga Texts-II
	Entrepreneurial Skills-IV
Pre-board	Introduction to yoga texts-II
	Entrepreneurial Skills-IV
	Introduction to yoga texts-II
	Green Skill-IV
	Yoga for Health promotion-II