

BIHANI ACADEMY	
Syllabus Split Up for the Academic Year 2023-24	
CLASS- XI (SCIENCE)	
Subject English	
NAME OF EXAMINATION	NAME OF THE CHAPTER
PT 1	1. The Portrait of a lady
	2. A Photograph
	3. Landscape of the Soul
	4. Poster Writing
PT 2	1. We're Not Afraid to Die...If we Can all be Together
	2. The Summer of the Beautiful White Horse
	3. The Laburnam Top
ANNUAL EXAMINATION	LITERATURE
	1. Discovering Tut: The Saga Continues
	2. The Address
	3. Ranga's Marriage
	4. Albert Einstein at School
	5. The Portrait of a lady
	6. A Photograph
	7. Landscape of the Soul
	8. We're Not Afraid to Die...If we Can all be Together
	9. The Summer of the Beautiful White Horse
	10. The Laburnam Top
	LANGUAGE
	11. Notice Writing
	12. Poster Writing
	13. Letter Writing
	14. Article/Speech Writing
	15. Editing Exercise
	16. Reordering of Sentences
	17. Transformation of Sentences
	18. Reading Comprehension
	19. Note Making and Summarization
PT 3	1. The Ailing Planet: The Green Movements Role
	2. The Voice of the Rain
	3. Childhood
ANNUAL EXAMINATION	LITERATURE
	1. The Browning Version
	2. The Adventure
	3. Silk Road
	4. Father to Son
	5. Mother's Day
	6. The Ghat of the Only World
	7. Birth
	8. The Tale of Melon City
	9. The Ailing Planet: The Green Movements Role
	10. The Voice of the Rain
	11. Childhood
	LANGUAGE
	12. Report Writing
	13. Drafting Advertisements
	14. Editing Exercise
	15. Reordering of Sentences
	16. Reading Comprehension

SUBJECT- IT	
NAME OF THE EXAMINATION	CHAPTER NAME
PT-1	Unit -2 : Networking And Internet (PART B)
	Unit 2 : Self-Management Skills-III (PART A)
PT-2	Unit -1 : Computer Organization (PART B)
	Unit 4 : Entrepreneurial Skills-III (PART A)
Term-1	Unit-3 : Office Automation Tools (PART B)
	Unit-4: RDBMS (PART B)
	Unit 3 : ICT Skills-III (PART A)
PT-3	Unit 1 : Communication Skills-III (PART A)
	Unit-5: Fundamentals of Java (PART B)
Term-2	Unit 5 : Green Skills-III (PART A)
	Unit 1 : Communication Skills-III (PART A)
	Unit -2 : Networking And Internet (PART A)
	Unit 3 : ICT Skills-III (PART A)
	Unit 4 : Entrepreneurial Skills-III (PART A)
	Unit 5 : Green Skills-III (PART A)
	Unit -1 : Computer Organization (PART B)
	Unit -2 : Networking And Internet (PART B)
	Unit-3 : Office Automation Tools (PART B)
	Unit-4: RDBMS (PART B)
	Unit-5: Fundamentals of Java (PART B)
SUBJECT: Computer Science	
NAME OF THE EXAMINATION	CHAPTER NAME
PT-1	CH-1 COMPUTER SYSTEM
	CH-2 ENCODING SCHEMES AND NUMBER SYSTEM
	CH-3 EMERGING TRENDS
	CH-4 INTRODUCTION TO PROBLEM SOLVING
Term-1	CH-1 COMPUTER SYSTEM
	CH-2 ENCODING SCHEMES AND NUMBER SYSTEM
	CH-3 EMERGING TRENDS
	CH-4 INTRODUCTION TO PROBLEM SOLVING
	CH-5 GETTING STARTED WITH PYTHON
	CH-6 FLOW OF CONTROL
PT-3	CH-6 FLOW OF CONTROL
	CH-7 FUNCTIONS
Term-2	CH-1 COMPUTER SYSTEM
	CH-2 ENCODING SCHEMES AND NUMBER SYSTEM
	CH-3 EMERGING TRENDS
	CH-4 INTRODUCTION TO PROBLEM SOLVING
	CH-5 GETTING STARTED WITH PYTHON
	CH-6 FLOW OF CONTROL
	CH-7 FUNCTIONS
	CH-8 STRINGS
	CH-9 LISTS
	CH-10 TUPLES AND DICTIONARIES
	CH-11 SOCIETAL IMPACT
SUBJECT- PHYSICS	
NAME OF THE EXAMINATION	CHAPTER NAME
PT-1	Chapter 1 Physical World
	Chapter 2 Units and Measurements
	Chapter 3 Motion in a Straight Line
PT-2	Chapter 4 Motion in a plane
	Chapter 5 Laws of motion
	Chapter 6 Work Energy and power
HALF YEARLY EXAMINATION	Chapter 1 Physical World
	Chapter 2 Units and Measurements
	Chapter 3 Motion in a Straight Line
	Chapter 4 Motion in a plane
	Chapter 5 Laws of motion
	Chapter 6 Work Energy and power
	Chapter 7 System of particles and Rotational Motion
	Chapter 8 Gravitation
PT-3	Chapter 9 Mechanical Properties Of Solids
	Chapter 10 Mechanical Properties Of Fluids
	Chapter 11 Thermal Properties of matter
ANNUAL EXAMINATION	Chapter 1 Physical World
	Chapter 2 Units and Measurements
	Chapter 3 Motion in a Straight Line
	Chapter 4 Motion in a plane
	Chapter 5 Laws of motion
	Chapter 6 Work Energy and power
	Chapter 7 System of particles and Rotational Motion
	Chapter 8 Gravitation
	Chapter 9 Mechanical Properties Of Solids
	Chapter 10 Mechanical Properties Of Fluids
	Chapter 11 Thermal Properties of matter
	Chapter 12 Thermodynamics
	Chapter 13 Kinetic Theory
	Chapter 14 Oscillations
	Chapter 15 Waves

SUBJECT- CHEMISTRY		
NAME OF THE EXAMINATION	CHAPTER NAME	
PT-1	CH-1 Basic concept of chemistry	
	CH-2 Structure of atom	
	CH-3 Classification of elements and periodicity in properties	
PT-2	CH-4 Chemical Bonding and molecular structure	
	CH-5 States of matter	
	CH-6 Thermodynamics	
HALF YEARLY EXAMINATION	CH-1 Basic concept of chemistry	
	CH-2 Structure of atom	
	CH-3 Classification of elements and periodicity in properties	
	CH-4 Chemical Bonding and molecular structure	
	CH-5 States of matter	
	CH-6 Thermodynamics	
	CH-7 Equilibrium	
	CH-8 Redox reaction	
PT-3	CH-9 Hydrogen	
	CH-10 s-block elements	
	CH-11 p-block elements	
	CH-12 Organic Chemistry - Some basic principles and techniques	
	CH-1 Basic concept of chemistry	
TERM-2	CH-2 Structure of atom	
	CH-3 Classification of elements and periodicity in properties	
	CH-4 Chemical Bonding and molecular structure	
	CH-5 States of matter	
	CH-6 Thermodynamics	
	CH-7 Equilibrium	
	CH-8 Redox reaction	
	CH-9 Hydrogen	
	CH-10 s-block elements	
	CH-11 p-block elements	
	CH-12 Organic Chemistry - Some basic principles and techniques	
	CH-13 Hydrocarbon	
	CH-14 Environmental Chemistry	
	SUBJECT-BIOLOGY	
	PT I	The living World , Biological Classification , Animal Kingdom
PT II	Morphology of flowering plants , Biomolecules	
HALF YEARLY EXAMINATION	The living World , Biological Classification , Animal Kingdom	
	Morphology of flowering plants , Biomolecules	
	Cell - The Unit of Life , Anatomy of flowering plants.	
	Plant Kingdom	
PT III	Transport in plants , Respiration in plants	
ANNUAL EXAMINATION	The living World , Biological Classification , Animal Kingdom	
	Biomolecules , Digestion and Absorption , Breathing and exchnage of gases	
	Body fluids and Circulation , Locomotion and Movement , Neural Control and Coordination.	
	Subject - Physical Education	
	Name of the examination	Chapter Name
PT-1	Changing Trends and Career in Physical Education	
	Olympism	
PT-2	Yoga	
	Physical Education & Sports for (CWSN)	
Term - 1	Changing Trends and Career in Physical Education	
	Olympism	
	Yoga	
PT-3	Physical Education & Sports for (CWSN)	
	Physical Fitness, Health & Wellness	
	Test, Measurement & Evaluation	
Annual exam	Fundamentals of Anatomy, Physiology in sports	
	Fundamentals of Kinesiology & Biomechanics in sports	
	Psychology & sports	
	Training in Doping in sports	

Subject - Yoga	
Name of the examination	Chapter Name
PT-1	Communication Skills-III
	Introduction to yoga and yogic practice-I
PT-2	Self-Management Skills - III
	Information & Communication Technology Skills-III
	Introduction to yoga Texts-I
Term - 1	Communication Skills-III
	Introduction to yoga and yogic practice-I
	Self-Management Skills - III
	Information & Communication Technology Skills-III
PT-3	Introduction to yoga Texts-I
	Entrepreneurial Skills-III
Annual Exam	Introduction to yoga texts-I
	Entrepreneurial Skills-III
	Green Skill-III
	Yoga for Health promotion-I
SUBJECT: MATHEMATICS	
NAME OF THE EXAMINATION	CHAPTER NAME
PT-1	Ch 1. Sets
	Ch 2. Relations and Functions
	Ch 5. Complex Numbers and Quadratic Equations
	Ch 4. Principle of Mathematical Induction
PT-2	Ch 9. Sequence and Series
	Ch 13. Limits & Derivatives
	Ch 15. Statistics
Term-1	Ch 3. Trigonometric Functions
PT-3	Ch 6. Linear Inequalities
	Ch 8. Binomial Theorem
Term-2	Ch 7. Permutations and combinations
	Ch 10. Straight lines
	Ch 11. Conic Sections
	Ch 12. Introduction to Three Dimensional Geometry
	Ch 14. Mathematical Reasoning
	Ch 16. Probability

