

**BIHANI ACADEMY****SESSION - 2021-22****SYLLABUS FOR TERM-2 EXAMINATION CLASS XI SCIENCE**

<b>SUBJECT</b>	<b>TOPIC INCLUDED</b>
<b>ENGLISH</b>	1. Reading Unseen Comprehension
	2. Poster Writing
	3. Debate Writing
	<b>LITERATURE</b>
	1. The Voice of the Rain
	2. The Ailing Planet: The Green Movement's Role
	3. The Browning Version
	4. Childhood
	5. Silk Road
	6. Albert Einstein at School
	7. Mother's Day
	8. Birth
	<b>PHYSICS</b>
ch-10, Mechanical properties of fluids	
ch-11, Thermal properties of matter	
ch-12, Thermodynamics	
ch-13, Kinetic theory of gases	
ch-14, Oscillations	
ch-15, Waves	
<b>CHEMISTRY</b>	CH- 5 : States of matter : Gases
	CH- 6 : Chemical Thermodynamics
	CH- 7: Equilibrium
	CH- 10 : S-block elements
	CH- 11 : Some p-block elements

	CH- 13: Hydrocarbon
<b>MATHEMATICS</b>	Ch. 3 Trigonometric Functions
	Ch. 6 Linear Inequalities
	Ch. 7 Permutations and Combinations
	Ch. 11 Conic Sections
	Ch. 12 Introduction to Three Dimensional Geometry
	Ch. 13 Derivatives
	Ch. 16 Probability
<b>BIOLOGY</b>	Ch 10 : Cell-cycle and cell division
	Ch 15 : Plant - Growth and Development
	Ch 17 : Breathing and Exchange of Gases
	Ch 18 : Body Fluids an Circulation
	Ch 19 : Excretory products and their Elimination
	Ch 20 : Locomotion and Movement
	Ch 21 : Neural Control and Co-ordination
	Ch 22 : Chemical co-ordination and Integration
<b>COMPUTER SCIENCE (NEW)</b>	Ch-5: Introduction To Problem Solving
	Ch-6: Getting Started with Python
	Ch-7: Python Fundamenals
	Ch-8: Data Handling
	Ch-9: Flow of Control
	Ch-10: String Manipulation
	Ch-11: List Manipulation
	Ch-12: Tuples
	Ch-13: Dictionaries
	Ch-14: Understanding Sorting
	Ch-15 Cyber Safety
Ch-16: Online Access and Computer Security	

	Ch-17: Society, Law and Ethics
PHYSICAL EDUCATION	1. Physical education and sports for CWSN
	2. Yoga
	3. Physical Activity and Leadership Training
	4. Psychology and Sports
	5. Training and Doping in Sports
INFORMATION TECHNOLOGY	1. Entrepreneurial Skills - III
	2. Green Skill - III
	Unit-4: RDBMS
	Unit-5: Fundamentals of Java
YOGA	1. Entrepreneurial Skills - III
	2. Green Skill - III
	3. Introduction to yoga text - I
	4. Yoga for Health Promotion - I