

**BIHANI ACADEMY**  
**PT-2 EXAMINATION**  
**(SESSION 2021 – 2022)**

SUBJECT WISE CONSOLIDATED SYLLABUS SCIENCE DEPARTMENT

GRADE – XI

**ENGLISH**

SL. NO.	CHAPTER NAME
1.	The Portrait of a Lady (Prose)
2.	A Photograph (Poem)
3.	“We’re Not Afraid to Die... if We Can All Be Together” (Prose)
4.	Discovering Tut: the Saga Continues
5.	The Laburnum Top (Poem)
6.	Landscape of the Soul (Prose)
7.	The Summer of the Beautiful White Horse(Prose)
8.	The Address (Prose)
9.	Ranga’s Marriage (Prose)
10.	Determiners , Tenses , Re-ordering of Sentences
11.	Business or Official Letters, Speech, Notice Writing
12.	Unseen passage (factual, descriptive or literary/ discursive or persuasive

**PHYSICS**

<b>SL. NO.</b>	<b>CHAPTER NAME</b>
1.	<b>CH-4 : Motion in a plane</b>
2.	<b>CH—5 : Laws of motion</b>
3.	<b>CH6 : Work , energy and power</b>
4.	<b>CH-7 : System of particles and rotational motion</b>
5.	<b>CH- 8 : Gravitation</b>

**CHEMISTRY**

<b>SL. NO.</b>	<b>CHAPTER NAME</b>
1.	<b>CH-1 : Basic concept of Chemistry</b>
2.	<b>CH – 2 : Atomic structure</b>

3.	<b>CH-3 : Periodic classification of elements</b>
4.	<b>CH – 4 : Chemical bonding and molecular structure</b>
5.	<b>CH – 8 : Redox</b>

**MATHEMATICS**

SL. NO.	CHAPTER NAME
1.	<b>CH-1 Sets</b>
2.	<b>CH-2 : Relations and Functions</b>
3.	<b>CH-5 : Complex Numbers and Quadratic Equations</b>
4.	<b>CH- 9 : Sequence and Series</b>
5.	<b>CH-10 : Straight Lines</b>
6.	<b>CH-15 : Statistics</b>

## BIOLOGY

SL. NO.	CHAPTER NAME
1.	CH- 2: Biological Classification
2.	CH- 3: Plant Kingdom
3.	CH- 4: Animal Kingdom
4.	CH- 5: Morphology of Flowering Plants
5.	CH- 7: Structural Organization in Animals
6.	CH- 8: Cell-The Unit of Life
7.	CH- 9: Biomolecules

## COMPUTER SCIENCE (NEW)

SL. NO.	CHAPTER NAME
1.	Chapter-1: Computer System Overview
2.	Chapter-2: Data Representation
3.	Chapter-3: Boolean Logic
4.	Chapter-4: Emerging Trend

## PHYSICAL EDUCATION

SL. NO.	CHAPTER NAME
1.	Changing trends & career in physical education
2.	Olympic value education

3.	Physical fitness, wellness, and lifestyle
4.	Physical education & sports for CWSN
5.	Yoga

**IT**

SL. NO.	CHAPTER NAME
1.	Chapter–1: Computer Organization & OS: User Perspective
2.	Chapter–2: Networking and Internet
3.	Chapter 3: Office Automation Tools (Spreadsheet, Automation Tools (Word Processing, Spreadsheet, Presentation)

**YOGA**

SL. NO.	CHAPTER NAME
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<b>1.</b>	<b>Introduction to yoga and yogic practice - I</b>
<b>2.</b>	<b>Communication skill - III</b>