

**Syllabus & Blue Print for Class XI/Mid Term/2022-23/C.Sc.(083)**

Serial	UNIT/CHAPTER	1Mark	2Mark	3Mark	4Mark	Total
<b>2. COMPUTATIONAL THINKING AND PROGRAMMING (CTP-1)</b>						
1	Basics of Python programming; Features of Python, char set, Token & Identifiers, Keywords, Literals, Delimiters, Operators; Comments (Singleline/multilines/ Continuation statements), clarity & simplification of expressions; Notion of variable, data type , operators & their types (Binary, Arithmetic, Relational, Logical, Augmented Assignment operators)	4	4			12
2	Execution of a program, errors. Conditional statements, Notion of iterative computation and Control Flow- for, while, Flow charts, suggested programs; Idea of Debugging	2	3	2	1	18
3	Strings (Traversing, Compare, Concat, Substring);	4	4	1	1	19
4	List, Tuple	4	5	1	1	21
<b>Total Number of Questions</b>		14	16	4	3	37/70

Syllabus & Blue Print for Class XII/Mid Term/2022-23/C.Sc.(083)						
Serial	UNIT/CHAPTER	1Mark	2Mark	3Mark	4Mark	Total
<b>1. COMPUTATIONAL THINKING AND PROGRAMMING (CTP-2)</b>						
1	a. Review of Python Covered in Class XI	1	4	1		12
2	b. Functions		3	1	1	13
3	c. File Handling	3	1	1	1	12
4	d. Text File	2	1		1	8
5	e. Binary File	1	1			3
6	f. CSV File	2	1			4
7	g. Using Python Libraries	4	1			6
8	h. Data Structures: List, Stacks	1	4	1		12
<b>Total Number of Questions</b>		14	16	4	3	37/70

**NOTE:**

**CBSE MODEL PAPER OR QUESTION PAPER FOR XIITH STANDARD WILL BE FOLLOWED. ABOVE SYLLABUS and BLUEPRINT IS MERELY A GUIDELINE.**