

TYPE OF ASSESSMENT	TOPIC	TEACHING AID USED	ASSOCIATED ACTIVITY	AV REQ OR NOT	VALUE INHERIT IN THE CHAPTER	LEARNING OUTCOME
PERIODIC TEST -1	UNIT-2 (CHAPTER-12) Computer System Overview)	Text book Blackboard Computer	Class will be divided into two to three groups and can prepare a presentation about Computer System	No	Being a part of family, society, how I can contribute positively to work together	The students will be able to understand the working of computer machine.
	(CHAPTER-13) Data Representation	Text book Blackboard Computer	Individual participation of students to understand the concept of number conversions from one type of data to another with mathematical methods.	NO	<ul style="list-style-type: none"> Data Representation is conversion one one type of Number System to another therefore the Value will be inherited as <ul style="list-style-type: none"> Adaptation of environment and flexibility in day today life 	The students will be able to understand that how information is represented and stored in computers
	(CHAPTER-14) Boolean Algebra	Text book Blackboard Computer	Individual participation of students to understand the concept of Boolean Logic, Logical Operations, Basic Logic Gates, Principal of Duality, Basic Theorems of Logic and simplifying Boolean Expressions.	NO	<ul style="list-style-type: none"> Decision Making 	They will able to reduce and solve Boolean Expressions through various Boolean Laws, Postulates, Logic Gates and truth tables
	Unit-4 (CHAPTER-21) Cyber safety	Text book Blackboard Computer	Group Discussion on Cyber Safety : includes Safe Browsing, Confidentiality of Information, Cyber stalking, Cyber Bullying, Solutions and Preventions to Computer Security Threats. Debate Internet is a Boon or Curse or Social Networking are a danger to the youth	NO	<ul style="list-style-type: none"> To behave and conduct themselves properly on Net 	Appropriate usage of social networks Safely Accessing Web Sites Safely Communicating Data
	Unit-1 (CHAPTER-1 & 2) Getting Started with Python	Text book Blackboard Computer	Individual participation of students to understand Basic concepts of Python Therefore-emphasis on practical classes	NO	<ul style="list-style-type: none"> Importance of language and its script for communication with 	Students will learn the process of writing a program, running it, and print statements

	& Python Fundamentals				others.	
	(CHAPTER-3) Data Handling	Text book Blackboard Computer		NO		Students will have the knowledge of data types, operators, accepting input from console, assignment statement, expressions, operators and their precedence
	(CHAPTER-4) Conditional and iterative statements	Text book Blackboard Computer		No	<ul style="list-style-type: none"> Decision taking capability in real life. Understanding of step by step approach to achieve a target in a life. 	Understanding of various logical statements if, if else, if elif, nested if, range(), for, while, nested loops etc.
PERIODIC TEST-2	PREVIOUS CHAPTERS COVERED in PT-1 &			Individual participation of students to understand concepts of Python Therefore-emphasis on practical classes		
	(CHAPTER-7) (Lists)	Text book Blackboard Computer	NO		<ul style="list-style-type: none"> Creating, Accessing , Joining, Repeating and Slicing the lists 	The students will be able to understand the concept of Creating, Accessing, list functions and methods.
	(CHAPTER-8) (Tuples)	Text book Blackboard Computer	NO		<ul style="list-style-type: none"> Creating, Accessing, Tuples functions and Methods 	The students will be able to understand Creating, Accessing, Tuples functions and Methods
	(CHAPTER-9) (Dictionaries)	Text book Blackboard Computer	NO		<ul style="list-style-type: none"> Unity in diversity 	The students will be able to handle various types of data under one name, working with Dictionaries
	(CHAPTER-10) (Understanding Sorting)	Text book Blackboard Computer	NO		<ul style="list-style-type: none"> Arranging Data systematically (eg, documents) 	The students will be able to understand methods of sorting as Bubble sort and Insertion sort
PERIODIC TEST-3 (CHAPTER 7to 10) &	(CHAPTER-11) (States and Transitions)	Text book Blackboard Computer	The students will be given various situations to draw state-transition diagrams	NO	<ul style="list-style-type: none"> Input –Process-Output 	The Students will be able draw state-transition diagrams for various situations

	CHAPTER-15 (Insight into Program Execution)	Text book Blackboard Computer	Group Discussion about the role of Operating system in a Computer	NO	<ul style="list-style-type: none"> Understand the role of mediator , How to do multitasking at a point of time, Management of resources 	The students will be able to understand Process Scheduling, Input/Output Management, Parallel Computing done by OS
	CHAPTER-16 (Relational Databases)	Text book Blackboard Computer	Individual participation of students to understand concepts of Database Therefore-emphasis on practical classes	NO	<ul style="list-style-type: none"> Organization of data and its processing, maintaining and utilising databases 	The students will be able to understand the Idea of database, its need, relations, inserting, appending, deleting, an entry from a table
	CHAPTER-17 (Simple Queries in SQL)	Text book Blackboard Computer	Individual participation of students to understand concepts of Database Therefore-emphasis on practical classes	NO		
Final Examination	All the Chapters Studied During PT-1, PT-2 and PT-3 and Chapter (18 to 20)					
	CHAPTER-18 (Table Creation and Data Manipulation Commands)	Text book Blackboard Computer	Individual participation of students to understand concepts of Database Therefore-emphasis on practical classes	NO	<ul style="list-style-type: none"> Organization of data and its processing, maintaining and utilising databases 	The students will be able to understand the Idea of database, its need, relations, inserting, appending, deleting, an entry from a table
	CHAPTER-19 (Table Joins and Indexes in SQL)	Text book Blackboard Computer	Individual participation of students to understand concepts of Database Therefore-emphasis on practical classes	NO		
	CHAPTER-20 (Basics of NoSQL Database MongoDB)	Text book Blackboard Computer	Individual participation of students to understand concepts of Database Therefore-emphasis on practical classes	NO		