

P.V.P Siddhartha Institute of Technology					Signature of Invigilator with date:	Marks Obtained:
Department of Computer Science and Engineering						
Course: B.Tech	Year:II	Semester:II	Objective:II	A.Y:2025-26		
Subject Code: 23CS5401	Subject Name: Computational Thinking		Regulation:PVP23			
Duration:20 minutes	Maximum Marks:10 Marks		Date: 4/4/2026	Session: A.N		
Name:			Registered Number:			
Q.No	Answer all the Questions. Each Question carries 2 Marks			Marks	CO	Level
	5×2M=10M					
1.	Explain two characteristics of an array.			2	CO1	L2
2.	Explain the concept of array partitioning with an example.			2	CO1	L2
3.	Explain the working of the Linear Search algorithm with suitable steps.			2	CO1	L2
4.	Explain the main idea behind the Selection Sort algorithm.			2	CO1	L2
5.	Differentiate Linear Pattern search and sublinear pattern search			2	CO1	L2