

D Y Patil International University

School of Computer Science, Engineering and Applications

Academic Year 2022-2023

Theory Assignment No. 1

Class: F. Y. B. Tech. SEM II

Subject: (CSE 116) Data Structure

Topic- Sorting

- 1) Sort the given array element using Bubble sort: -2,45,0,11,-9
- 2) Sort the given array element using selection sort: 20,12,10,15,2
- 3) Sort the given array element using Insertion sort: 9,5,1,4,3
- 4) Sort the given array element using Merge sort: 6,5,12,10,9,1
- 5) Sort the given array element using Merge sort: 8,7,6,1,0,9,2

Name of the Subject Teacher: Patil Shobhana D.