## NETTUR TECHNICAL TRAINING FOUNDATION DIPLOMA IN INFORMATION TECHNOLOGY \& DATA SCIENCE - CP09 II SEMESTER REGULAR \& SUPPLEMENTARY EXAMINATION-JUNE 2023

## Subject: Data structures Using Python <br> Subject Code: CP09209T

## PART B <br> 1.0 ANSWER ANY EIGHT OF THE FOLLOWING

1.1 What is linear data structure? Give some example
1.2 How to declare an array in python?
1.3 What is Linked lists?
1.4 Why do we use stacks?
1.5 Define sorting.
1.6 What is Tree Traversing?
1.7 What is Recursion?
1.8 What is binary tree in data structure?
1.9 What type of memory allocation is referred for Linked lists?
1.10 How will you get the length of a list?

Total Time: 2 Hr .
Total Marks: 50

