



AJEENKYA

D Y PATIL UNIVERSITY

Assesmet – End Term Examination

School: School of Engineering

Program: BTECH (ITDS)

Course: Data Structure and Algorithms

Course Code : CSC224

Semester : III

Max Marks: 30

Duration (mins) : 60 min.

Q1) Attempt any Five questions.

(10 M)

1. Define Data Structure.
2. Explain Dynamic memory allocation.
3. Expalin binary search .
4. Define bubble sort.
5. Explain comparison between sequential and binary search.
6. Describe link list.

Q2) Attempt any Two questions.

(20M)

1. Define tree and its classification.
2. Write a algorithm of insertion and deletion of stack.
3. Describe Graphs, Application of Graphs and Depth First search.
