

ALAGAPPA UNIVERSITY STUDY CENTRE TUTICORIN

2nd SEM ASSIGNMENT QUESTION

INTERNAL MARK: 25 / PER SUBJECT

DIPLOMA IN COMPUTER APPLICATION

51721 DIGITAL LOGIC FUNDAMENTALS

1. Numeric and Character codes ?
2. Fundamental concepts of Boolean Algebra
3. McCluskey method
4. Data Types – Explain
5. Memory Unit – Explain

51722 PROGRAMMING IN C

1. Basic Structure of C program
2. Goto statement - Explain
3. reading and writing strings – Explain
4. I/O operations on files

51723 DATA STRUCTURES AND ALGORITHMS

1. Types of Data Structure
2. Definition of Array
3. Types of searching
4. Hashing Techniques – Explain
5. Application of Queues

51724 C AND DATA STRUCTURE LAB

Lab Experiments based on C programming and Data Structures

1. Programs based on file handling
2. Exercises using Stacks
3. Deletion of linked list