

PG - DASSD
Course: C & DSA
Exam Paper

Time: 2 Hours

Max Marks: 60

Instructions:

- Answer all questions.
- Write neat and clean code with proper indentation.
- All questions carry equal marks unless specified.

Section A: C Programming

Q1. Write a program using switch statement: - If user enters 100 → Fuel Full - If user enters 75 → Enough - If user enters 50 → Half - If user enters 25 → Low - If user enters 0 → Finished (Terminate program) [10 Marks]

Q2. Write a program to generate Fibonacci Series. [10 Marks]

Q3. Write a program using Structure to implement a Library Management System. [15 Marks]

Section B: Data Structures & Algorithms

Q4. Implement Stack with the following operations: - Push - Pop - Display [15 Marks]

Q5. Write a program to implement Binary Search. [10 Marks]