

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 → Excellent - If user enters 75 → Good - If user enters 50 → Average - If user enters 25 → Poor - If user enters 0 → Fail (Terminate program) [10 Marks]

Q2. Write a program to calculate the factorial of a number. [10 Marks]

Q3. Write a program using Structure to implement a Student Management System. [10 Marks]

Section B: Data Structures & Algorithms

Q4. Implement Queue with the following operations: - Enqueue - Dequeue - Display [20 Marks]

Q5. Write a program to implement Selection Sort. [10 Marks]