INSTRUCTIONS:
1. Figures to the right indicate maximum marks for that question.
2. The symbols used carry their usual meanings.
3. Assume suitable data, if required & mention them clearly.
4. Draw neat sketches wherever necessary.

Q.1   Do as directed.
   (a) Differentiate class and object with example.   **[2]**
   (b) Describe good characteristics SRS document.   **[2]**
   (c) Make a black box testing for book inquiry function.   **[2]**
   (d) Explain data flow oriented design.   **[2]**
   (e) "Classical water fall model is not practically suitable for any system." Justify the **[2]**
       statement.
   (f) Compare Command base and GUI base interface techniques.   **[2]**

Q.2   Attempt *Any Two* from the following questions.   **[12]**
   (a) Explain Spiral Data Model and provide suitable system where it can be applicable.   **[6]**
   (b) Explain different types of risk management techniques.   **[6]**
   (c) Explain different quality measurement factors.   **[6]**

Q.3 (a) Design SRS document for Stock management system.   **[6]**
       (b) Design Data Flow Diagram for Stock management system.   **[6]**
                                        OR
Q.3 (a) Design State Chart for Library management system.   **[6]**
       (b) Design Class Diagram for Library management system.   **[6]**