D-003-003308   Seat No. _____

B. C. A. (Sem. III) Examination

March - 2022

Software Quality Assurance & Testing : CS-13 SAD

(Old Course)

Faculty Code : 003

Subject Code : 003308

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

Instructions : (1)   All questions carry equal marks.

(2)   Attempt any five of the following questions.

1   Explain system development life cycle with diagram.   **14**

2   Draw data flow diagram for hotel management system based on   **14**
    your experience and assumptions regarding any hotel you visited.

3   Explain Test case, Test script, Test plan, Test harness, Test   **14**
    suite.

4   Explain testing levels : Unit testing, integration testing and   **14**
    system testing.

5   Explain static testing : Information review, walkthrough, formal   **14**
    technical review, inspection.

6   Explain spiral model.   **14**

7   Explain metric based on function point and LOC.   **14**

8   (a)   Explain concept of project sheduling and tracking.   **14**
    (b)   Explain PERT.

9   (a)   Explain Ms. - VISIO.   **14**
    (b)   Explain Ms. - Project.

10 (a)   Explain use case with any example.   **14**
    (b)   Explain class diagram with any example.