

B.Sc. Semester-5 Examination

CC 301

Computer Science

Time : 2-30 Hours]

March-2024

[Max. Marks : 70

Q1(A) What is software ? Explain its types in detail. (7)

Q1(B) Explain project management activities in detail. (7)

OR

Q1(A) Explain SDLC life cycle in detail with all phases. (7)

Q1(B) Explain Phased development approach in detail. (7)

Q2(A) Explain RAD model in detail (7)

Q2(B) Explain Incremental model in detail. (7)

OR

Q2(A) Explain Waterfall model in detail. (7)

Q2(B) Explain Spiral model in detail. (7)

Q3(A) Explain data dictionary with all its detail. (7)

Q3(B) Explain formal & informal requirement gathering techniques in detail. (7)

OR

Q3(A) Explain Characteristics & Component of SRS. (7)

Q3(B) Explain Use- case diagram with all its notation & examples. (7)

Q4(A) Explain design principles in detail. (7)

Q4(B) Explain the concept of design with its importance. (7)

OR

Q4(A) Explain Coupling & Cohesion in detail. (7)

Q4(B) Explain system level designing concepts in detail. (7)

Q:5 Attempt any seven out of twelve.(2 Marks each) (14)

1) SRS stands for

2) What is Project ?

3) Define :- Software Engineering.

4) QFD stands for

5) Define Process.

6) What is requirement validation ?

7) Write one component of SRS.

8) Write one difference between Analysis & design.

9) What is an Event ?

10) JAD stands for

11) What is Products ?

12) What is effort distribution ?
