



Course Code	: 2101CS503	Date	: 01-11-2023
Course Name	: Software Engineering	Duration	: 150 Minutes
		Total Marks	: 70

Instructions:

1. Attempt all the questions.
2. Figures to the right indicates maximum marks.
3. Make suitable assumptions wherever necessary.

- Q.1 (A)** Justify Software Myths. **4**
- (B)** Explain Spiral Model. **3**

OR

Explain RAD Model.

- (C)** Explain Umbrella activities. **7**

OR

Explain SDLC with example.

- Q.2 (A)** Define Characteristics and Content of User Stories for Agile Scrum Framework. **4**
- (B)** Define the Steps to Create Burndown Chart. **3**

OR

Explain Adaptive Software Development for Agile Software Development.

- (C)** Describe about The scrum Phases. **7**

OR

Explain Dynamic System Development Method for Agile Software Development.

- Q.3 (A)** Discuss with example: Cohesion, Coupling. **4**
- (B)** Define any three Design concept. **3**

OR

Explain Design quality attributes.

- (C)** Draw E-R diagram for Hospital management system. **7**

OR

Draw E-R diagram for Darshan University.

- | | | | |
|------------|------------|-------------------------------------|----------|
| Q.4 | (A) | Explain Types of Black box testing. | 4 |
| | (B) | Explain Object Oriented Testing. | 3 |

OR

What are the Criteria for Selecting Mobile Testing Tool?

- (c)** Explain Formal Technical Review in detail. **7**

OR

What are the Stages of Conventional Testing?

- | | | | |
|------------|------------|---------------------------------|----------|
| Q.5 | (A) | Define W5HH Approach. | 4 |
| | (B) | Explain Risk Projection method. | 3 |

OR

Differentiate Reactive Risk vs. Proactive Risk.

- (c)** Explain LOC base software estimation and FP base software estimation. **7**

OR

Discuss the Type of Software maintenance in detail.
