

Hall Ticket Number:

4	1	8	A	C	5	5	7	5
---	---	---	---	---	---	---	---	---

III/IV B.Tech (Regular) DEGREE EXAMINATION

February, 2021

Fifth Semester

Time: Three Hours

Computer Science & Engineering

Software Engineering

Maximum : 50 Marks

Answer ALL Questions from PART-A.

(1X10 = 10 Marks)

Answer ANY FOUR questions from PART-B.

(4X10=40 Marks)

Part - A

(1X10=10 Marks)

1 Answer all questions

- What are goals/objectives of software engineering?
- State the design principles?
- Define Scrum.
- Define quality assurance?
- Write about negotiating requirements.
- What is Use case scenario?
- How to create good software.
- Define Component.
- What is abstraction.
- Define LOC.

Part - B

2 Explain the following process models and also write their advantages and disadvantages 10M

- Spiral model
- Rapid Application Development model

- Explain different phases of unified process. 5M
- Discuss different software myths. 5M

- Explain analysis modeling and design modeling principles. 5M
- Discuss about eliciting requirements. 5M

- Explain different conventional components for design 5M
- What is DFD? Explain different levels of DFD's with neat diagram? 5M

- Explain cohesion and coupling methods. 5M
- What are the types of golden rules explain?. 5M

7 Explain software architecture? 10M

- Describe SQA plan. 5M
- Write about formal technical reviews 5M

- Explain about different types of testing 5M
- What are advantages and disadvantages of software testing 5M