

BCA SEM 5

15 JUL 2021

Subject : 503 Software Engineering

Code : 21548

Time 1:30 hours

Marks: 42

**Instructions:**

Attempt any three questions out of four.

- |         |   |    |
|---------|---|----|
| Q-1     | Explain water fall model and prototyping model with example             | 14 |
|         | OR  |    |
| Q-1 (A) | Define SRS, Explain need and role of SRS.                               | 7  |
| Q-1 (B) | Define Software engineering, Explain phase development process.         | 7  |
| Q-2     | Explain different type of risk management.                              | 14 |
|         | OR  |    |
| Q-2 (A) | Write a shot note on coupling.  | 7  |
| Q-2 (B) | Give different between functional approach and object oriented approach | 7  |
| Q-3     | Explain different testing method.                                       | 14 |
|         | OR  |    |
| Q-3 (A) | Write a shot note on programming practice.                              | 7  |
| Q-3 (B) | Explain testing fundamental.  | 7  |
| Q-4     | Explain different component of UML.                                     | 14 |
|         | OR  |    |
| Q-4 (A) | Write a shot note on inheritance in UML.                                | 7  |
| Q-4 (B) | Explain hospital system management case study.                          | 7  |