

ADDITIONAL EXAM FOR EXTRA CURRICULAR ACTIVITIES
BACHELOR OF TECHNOLOGY (CBCS - 2023)
B. Tech. Sem-III Computer Science & Engineering : WINTER : 2024
SUBJECT: SOFTWARE ENGINEERING

Day : Thursday
Date : 19/12/2024

W-29203-2024

Time : 10:00 AM-01:00 PM
Max. Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.
- 4) Assume suitable data, if necessary.

Q.1 What is agile development and How does it address the issue of the cost of change? Draw and explain in detail. (10)

OR

Explain the Agile Process model. How does it differ from traditional model in terms of adaptability and customer involvement? (10)

Q.2 What is a software Requirement Specification (SRS)? What are its key components? (10)

OR

Explain Behaviour modelling and its role in Requirement Analysis. How does it help in understanding system dynamics? (10)

Q.3 What is Risk Management in Software Projects? Outline the Process of Identifying, Assessing and Mitigating Risks. (10)

OR

What is software configuration Management (SCM)? Discuss its importance in project monitoring and control. (10)

Q.4 What Object Oriented Design? Draw and Explain UML structure in detail. (10)

OR

Draw and Explain Design Process Model in detail. (10)

Q.5 Define following Terms: (10)

a) Error. b) Bug. c) Defect.

OR

What is Web site Testing? Discuss the different types of testing that are applied to web applications. (10)

Q.6 What is Software Re-Engineering? Write a steps in Re-Engineering process. (10)

OR

Draw and Explain process of Software Re-Engineering in detail. (10)

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