

Seat No. **OCT-NOV 2025 WINTER EXAMINATION****1154 B.Tech. CBCS****Sub. Name: Software Engineering****Sub. Code: 79143/79431****Day and Date: Friday ,05-12-2025****Total Marks: 70****Time: 10:30 AM To 01:00 PM**

Instructions: 1. Assume suitable data wherever necessary and mention it boldly
2. Figures to the right indicate full marks

Special Inst.: 1. Question No. 6 is compulsory.
2. Solve any four questions from Q.No 1 to Q.No 5.

- Q1)** Attempt the following questions [15]
- List Software Development process models. With a neat diagram explain Waterfall model. [8]
 - Define Software Engineering. Explain ETVX approach for process specification. [7]
- Q2)** Attempt the following questions [15]
- List and explain the contents of SRS document. [8]
 - Define Project Manager. List and explain responsibilities of Project Manager. [7]
- Q3)** Attempt the following questions [15]
- Define risk. Explain risk management. [8]
 - Define structure chart. With a proper example explain structure chart. [7]
- Q4)** Attempt the following instructions [15]
- What is sequence diagram. Explain it with an example. [8]
 - Define & Explain coding and code review. [7]
- Q5)** Attempt the following questions [15]
- Define and Explain white box & black box testing. [8]
 - Define and Explain CMM. [7]
- Q6)** Write a short note on(Any Two) [10]

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| a. | Good SRS. | [5] |
| b. | Project staffing. | [5] |
| c. | Six Sigma. | [5] |

End Of Question Paper

Important Note for Chief Exam Officer / SRPD Coordinator / Sr Supervisor/ Student -

This Question Paper may be distributed for following Subjects as common code.

सदरची प्रश्नपत्रिका खालील विषयांकरिता वितरित करता येईल.

- 1] (101) Bachelor of Engineering (79431) Software Engineering Part 2 SEM 4
- 2] (1154) B.Tech. CBCS (79143) Software Engineering Part 2 SEM 4