

SRM UNIVERSITY DELHI-NCR, SONEPAT

Registration No.:

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MST-II (December-2022)

B. Tech (CSE) VII Semester

Subject Code: CS 4033

Duration: 90 min

Subject Name: Software Testing

Max. Marks: 50

Note: Question Paper consists of two parts (Part-A and Part-B).

All Questions are compulsory in Part-A.

Answer any THREE Questions from Part-B

PART A:(10*2)

| S.No | Question(s) | Course Learning Outcome |
|------|--|-------------------------|
| 1 | What is test case prioritization? | CLO3 |
| 2 | Write the name of all four prioritization techniques. | CLO3 |
| 3 | List the factors considered while requirements based prioritization. | CLO3 |
| 4 | What are the challenges of regression testing? | CLO3 |
| 5 | Discuss at least two advantages and two disadvantages of unit testing. | CLO3 |
| 6 | What are the two main activities of a verification and validation process? | CLO4 |
| 7 | What are the 5 steps for debugging? | CLO4 |
| 8 | Is alpha testing a functional testing, explain? | CLO4 |
| 9 | List the process steps of Stress testing. | CLO4 |
| 10 | What is the purpose of load testing? | CLO4 |

PART B:(10*3)

| S.No | Question(s) | Course Learning Outcome |
|------|--|-------------------------|
| 1 | What is regression testing and how to do regression testing explain. | CLO3 |
| 2 | Discuss the objectives of unit testing and also discuss its types, tools used in unit testing. | CLO3 |
| 3 | Differences between Verification and Validation testing. | CLO4 |
| 4 | What is Stress testing and also discuss different types of Stress testing? | CLO4 |

Analytics