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| **CONTINUOUS COMPREHENSIVE EVALUATION:TEST- 3** | | | | | | | |
| **SUBJECT** | | **:** | **SOFTWARE ENGINEERING AND TESTING** | **ACADEMIC YEAR** | | **:** | **2023 – 2024** |
| **SUB. CODE** | | **:** | **21IS555** | **DATE** | | **:** | **26/02/2024** |
| **SEM / BRANCH** | | **:** | **V/ ISE (A&B)** | **MAX. MARKS** | | **:** | **15** |
| **FACULTY** | | **:** | **Prof. SHILPA KS** | **DURATION** | | **:** | **1 hr** |
| **Q No.** | **INSTRUCTION TO STUDENTS:**  **1)Answer full question from each Module.** | | | | **Marks Allotted** | | **CO Mapping**  **&**  **Bloom’s Level** |
| **MODULE V** | | | | | | | |
| **1(a)** | Develop the Test cases for the NextDate function using equivalence partitioning. | | | | **8** | | **CO2 & L3** |
| **1 (b)** | Analyze and write the output-based Test cases for Commission problem using Boundary value analysis. | | | | **7** | | **CO3 & L4** |
| **OR** | | | | | | | |
| **2(a)** | Develop the Normal Boundary Value Test cases for triangle problem. | | | | **8** | | **CO2&L3** |
| **2(b)** | Validate the solutions for triangle problem using Equivalence class testing. | | | | **7** | | **CO3&L4** |

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| **COURSE OUTCOMES** | |
| **CO1** | **Explain** the concepts of software development with professional and ethical responsibilities. |
| **CO2** | **Apply the** various phases of the software development lifecycle for societal needs. |
| **CO3** | **Derive** test cases and **classify** the problem into suitable testing techniques. |
| **CO4** | **Manage** a givenproject in a timely and cost-effective manner to address the societal issues. |

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|  | **Course Instructor** | **Course Coordinator** | **PAC Committee** | **Head of the Department** |
| **Name:** | **Prof Shilpa KS** | **Dr Vartika Sharma** | **Dr. Vartika Sharma** | **Dr. Ravikumar V** |
| **Signature:** |  |  |  |  |