** D.Y. PATIL COLLEGE OF ENGINEERING & TECHNOLOGY**

**KASABA BAWADA KOLHAPUR-416006**

**Set-: I**

**Q. Paper Code:**

**23SYCS201301**

**(An Autonomous Institute)**

S. Y. B. Tech (CSE), Sem-II

**END SEMESTER EXAMINATION, Jan. – 2022**

Course Name: **Software Engineering**, Course Code: **201CSL201**

Seat No:

**Day and Date: Monday, 16.01.2023**

**Time: 2.00 pm to 4.00 pm Max. Marks- 50**

***Instructions:***

1. *Question No. 1&2 is compulsory.*
2. *Draw diagram whenever necessary.*
3. *Figure to the right indicate full marks.*

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| **BT** | **CO’s** | **Q. No.** |  | | | **Marks** | |
|  |  | **Q.1** | **All Questions are compulsory** | | | **20** | |
| **2** | **CO1** | **a** | Explain Waterfall Model with neat diagram. Give advantages and disadvantages. |  | **6** | |
| **1,2** | **CO2** | **b** | Define SRS. Explain desirable characteristics of SRS. | **7** | |
| **1,2** | **CO2** | **c** | What is Project Plan? Explain Project Planning Process. | **7** | |
|  | | | | | | | |
|  |  | **Q.2** | **All Questions are compulsory** | | | **10** | |
| **1,2** | **CO1** | **a** | What is coupling and cohesion? Explain types of Cohesion.  OR  What is software design review? Elaborate types of reviews. |  | **6** | |
| **1,2** | **CO1** | **b** | Elaborate elements of Modern GUI. | **4** | |
|  | | | | | | | |
|  |  | **Q.3** | **All Questions are compulsory** | | | **10** | |
| **2,3** | **CO3** | **a** | Explain Interaction diagram. Draw and explain sequence diagram example. |  | **7** | |
| **2,3** | **CO3** | **b** | Draw activity diagram for student admission procedure.  OR  Write a short note on UML | **3** | |
|  | | | | | | | |
|  |  | **Q.4** | **Attempt any two out of three questions** | | | **10** | |
| **2** | **CO4** | **a** | Explain programming practices in coding. |  | **5** | |
| **2** | **CO4** | **b** | Explain Coding methodology. | **5** | |
| **2** | **CO4** | **c** | Elaborate Black Box testing. | **5** | |

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