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**IV B.Tech I Semester – Descriptive Examination-II**

**OBJECT ORIENTED ANALYSIS DESIGN**

(Only for CSE)

Subject Code: P18CST15 Academic Year: 2021-22 R18 Regulation

Time: 2 hours Date of Exam: Max Marks: 20

*Answer* ***all*** *the questions. All Questions carry equal marks* (**4X5=20M**)

**UNIT: 3**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Q.No |  | Questions | Marks | BL | CO | PI |
| 1 |  | Explain about the Architecture of UML | 5 M | L1 | 3 | 1 |
| 2 |  | Explain Software development of Life cycle of UML | 5 M | L2 | 3 | 2 |
| 3 |  | Explain in detail about object diagram and its common modeling techniques. | 5 M | L1 | 3 | 1 |

**UNIT: 4**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Q.No |  | Questions | Marks | BL | CO | PI |
| 1 |  | List the common modeling techniques for packages | 5 M | L1 | 4 | 1 |
| 2 |  | Explain about the common mechanism in structural modeling | 5 M | L2 | 4 | 2 |
| 3 |  | Explain in detail about class diagram with example. | 5 M | L1 | 4 | 3 |
| 4 |  | Explain in detail about advanced relationships | 5 M | L2 | 4 | 1 |
| 5 |  | Explain in detail about types and roles in advanced structural modeling | 5 M | L2 | 4 | 2 |
| 6 |  | Discuss briefly about classes in structural modeling | 5 M | L2 | 4 | 1 |

**UNIT: 5**

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| Q.No |  | Questions | Marks | BL | CO | PI |
| 1 |  | Define Use case? Explain about the Use case Diagram | 5 M | L1 | 5 | 1 |
| 2 |  | Write short notes on internal events and external events. | 5 M | L2 | 5 | 2 |
| 3 |  | Explain about the Component Diagram with Example | 5 M | L1 | 5 | 3 |
| 4 |  | Draw the sequence and collaboration diagram for hospital management system. | 5 M | L2 | 5 | 1 |
| 5 |  | Explain about the Component Diagram with Example | 5 M | L2 | 5 | 2 |
| 6 |  | Explain about the State Machines | 5 M | L2 | 5 | 1 |

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