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

**OBJECT ORIENTED ANALYSIS AND DESIGN**

(Common to CSE-A, B, C Sections)

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

Time: 2 hours Date of Exam: 23.11.2021 Max Marks: 20

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

**SET No: 1**

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| Q.No |  | Questions | Marks | BL | CO | PI |
| 1 |  | Discuss about the key hierarchies of complex systems in detail. | 5 M | L2 | CO1 |  |
| 2 |  | Discuss about the evaluation of object model | 5 M | L2 | CO1 |  |
| 3 |  | What is object? Explain about the Relationships among objects | 5 M | L3 | CO2 |  |
| 4 |  | Explain about the Principles and Importance of modeling | 5 M | L1 | CO3 |  |

SET No: 2

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| Q.No |  | Questions | Marks | BL | CO | PI |
| 1 |  | Why software is inherently complex? Explain. | 5 M | L4 | CO1 |  |
| 2 |  | Briefly explain about elements of object model | 5 M | L2 | CO1 |  |
| 3 |  | Discuss about the Interplay of classes and objects | 5 M | L2 | CO2 |  |
| 4 |  | Explain about the Things related in UML | 5 M | L3 | CO3 |  |

**SET No: 3**

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| Q.No |  | Questions | Marks | BL | CO | PI |
| 1 |  | Explain the five attributes of a complex system in detail. | 5 M | L2 | CO1 |  |
| 2 |  | What are the foundations of object model | 5 M | L1 | CO1 |  |
| 3 |  | Discuss about the Identification of classes and objects | 5 M | L2 | CO2 |  |
| 4 |  | Explain about the Relationships of UML | 5 M | L2 | CO3 |  |

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