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| FINAL SRI DEVI INSTITURnew  **SHREE DEVI INSTITUTE OF TECHNOLOGY**  **Kenjar, Mangalore-574142**  **MASTER OF COMPUTER APPLICATIONS**  **II Internal Test - September 2024** | | | | | | | |
| **Sem/Sec: 2nd Sem** | | | | **Max. Marks: 30** | | | |
| **Course Name: OOP’s Using Java** | | | | **Duration: 1 Hour** | | | |
| **Course Code: 22MCA22** | | | | **Date: 13/09/2024** | | | |
|  | | | |  | | | |
| Question Number | |  | **Note: Answer any one full question from each part** | | Marks | RBT Level | CO |
| **PART A** | | | | | | | |
| I | | 1  2 | What is Inheritance? Discuss different **Inheritance Hierarchies**.  Explain the usage of **super** keyword with suitable example. | | **8**  **7** |  | CO1  CO1 |
|  | |  | OR | |  |  |  |
| II | | 3  4 | Explain the usage of **final** keyword with suitable example.  What is method **overloading** and method **overriding**. Illustrate with a suitable example. | | **7**  **8** |  | CO1  CO1 |
| **PART B** | | | | | | | |
| III | 5  6 | | Explain the significance of the **Object** class in Java and Explain any 5 methods of Object class with proper syntax and example.  Explain **abstract** **class** and **methods** with an example. | | **8**  **7** |  | CO1  CO1 |
|  |  | | OR | |  |  |  |
| IV | 7  8 | | Explain **method overloading** and **Constructor Overloading** with suitable examples.  Explain the following Keywords in Java:   1. **final** 2. **abstract** | | **8**  **7** |  | CO1  CO1 |