**M S Ramaiah Institute of Technology**

**Department of Information Science and Engineering**

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| Term: | 18.01.2016 to 14.05.2015 | Course Code: | IS624 |
| Course: | Java and J2EE | Semester: | VI – A, B & C |
| CIE: | Test – III | Max Marks: | 30 |
| Date: | 06-05-2016 | Time: | 2 – 3 PM |

**Portions for Test:** Lecture Nos. from 34 to 56 as per lesson plan circulated to students at the beginning of the semester.

**Instructions to Candidates:** Answer any **Two** out of **Three** questions.

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| --- | --- | --- | --- | --- |
| **Q. No** | **Questions** | **Marks** | **Bloom’s Level** | **CO** |
| 1.a) | Write a Servlet program to select two sports team and randomly allocate the players to each team. Each team consists of 5 players each. Upon allocation display the information of players from each team on *display.jsp*. | 8 | Apply | 4 |
| b) | Explain two types of Enterprise Session Bean with a neat example. | 7 | Understand | 5 |
| 2. a) | Write a multi-threading program in Java to print the information about “todays weather” from one thread and another thread to print a “Greeting message” stored in any Collection class based on the temperature printed in weather. | 8 | Apply | 4 |
| b) | With help of a neat diagram explain life cycle of a JSP Page. | 7 | Understand | 5 |
| 3.a) | Explain the types of JDBC drivers. | 8 | Understand | 4 |
| b) | Write a JSP program to book a parking space prior to the arrival of the vehicle. The booking information like (vehicle\_no, driver\_name, from\_time, to\_time) should be stored in a database. | 7 | Apply | 5 |

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