Mobiles are banned

**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 – II | **Max Marks:** | 30 |
| **Date:** | 5/4/16 | **Time:** | 2 pm – 3 pm |

**Portions for Test:** Lecture Nos. from 21 to 33 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) | With a diagram, explain the layered architecture of the swing basic containers. | 8 | Understand | 3 |
| b) | Write java code to display a form accepting customer details (**custid, name, rating** (use radiobutton), **benefits\_offered**(text area) and a button **submit**). On clicking on the submit button  if rating is 2 star display dialog box indicating the benefits offered as 200points  If rating is 4 star display dialog box indicating the benefits offered as 400 points.  If rating is 5 star display dialog box indicating the benefits offered as 500 points.  Place the consolidated details of the customer in another dialog box. | 7 | Apply | 3 |

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| 2. a) | What is event handling? With syntax list any 3 listener class with their corresponding event class, event method and listener methods. | 7 | Remember | 3 |
| b) | Write a java code to accept faculty information (such as name, qualification, specialization ,email address and whether the email address is a personal, commercial, official or an unknown address) through a series of dialog boxes . The information accepted should be displayed in text fields. | 8 | Apply | 3 |
| 3.a) | Write java code to create a thread that updates the progress bar as the program executes. | 8 | Apply | 3 |
| b) | Describe the key features of swings. Compare between Swings and AWT. | 7 | Understand | 3 |