U.S.N ☐☐☐☐☐☐☐☐☐☐

P.E.S. College of Engineering, Mandya - 571 401

(An Autonomous Institution affiliated to VTU, Belgaum)

Seventh Semester, B.E. - Information Science and Engineering
Semester End Examination; Dec. - 2014
Java and J2EE

Time: 3 hrs   *Max. Marks: 100*

Note: *Answer any **FIVE** full questions, selecting at least **TWO** full questions from each part.*

PART - A

1. a.	Explain the different access specifiers in java.	8
b.	Tabulate the different types of literals with example.	6
c.	Write a short note on JDK.	6
2 a.	What are the different types of inheritance in java? Enumerate with examples. List the disadvantages in inheritance.	10
b.	What are applets? Explain the life cycle of an applet.	10
3 a.	What is meant by thread priority? How is it assigned?	10
b.	Explain the event handling mechanism in Java. Elaborate on Event Object class.	10
4 a.	Write a java applet to display a clock using valueOf ( ) methods of string class and using calendar class to get the second, minutes and hours.	10
b.	Name and explain different types of swing JLabel. Give their syntax.	10

PART - B

5 a.	Explain the steps involved in the JDBC process.	8
b.	Explain the different types of drivers in java.	12
6. a.	List and explain core classes that are provided in java*x*.servlet package	12
b.	Explain HTTP Requests the Responses.	8
7 a.	Explain different types of JSP tags with an example.	10
b.	Write a short note on RMI, with an example.	10
8 a.	Explain session Java Bean and entity java bean.	12
b.	Write a note on JAR file.	8

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