R13

SET - 1

II B. Tech II Semester Supplementary Examinations, Dec - 2015
JAVA PROGRAMMING
(Com. to CSE, IT)

Time: 3 hours   Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B)**
2. Answer **ALL** the question in **Part-A**
3. Answer any **THREE** Questions from **Part-B**

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PART –A

1.	a)	What is byte code? How it will be generated?	(3M)
	b)	Explain about the static keyword with examples.	(4M)
	c)	What is abstract class? Discuss with example.	(3M)
	d)	How to read data in java file? Discuss.	(4M)
	e)	What is event delegation model? Discuss.	(4M)
	f)	Discuss about JTabbedPane and split pane.	(4M)

PART -B

2.	a)	What is procedural language? Differentiate between procedural language and OOP.	(8M)
	b)	What are the features of java? Explain.	(8M)
3.	a)	Java was used for internet applications. Why?	(4M)
	b)	Discuss about primitive data types.	(4M)
	c)	Write a java program to generate the Fibonacci series.	(8M)
4.		What are different types of inheritances? Discuss with examples for each.	(16M)
5.	a)	Explain life cycle of a thread with neat diagram	(8M)
	b)	Discuss about thread synchronization.	(8M)
6.	a)	What are the sources of Event? Discuss.	(6M)
	b)	Write a java program using listeners for handling mouse events	(10M)
7.	a)	Discuss about different layouts in AWT? What is default layout	(8M)
	b)	Discuss about java.awt.package.	(8M)

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