FACULTY OF ENGINEERING
B.E. 2/4 (CSE) II – Semester (Main) Examination, June 2014

Subject : OOP Using Java

Time : 3 hours   **Max. Marks : 75**

Note: Answer all questions from Part-A. Answer any FIVE questions from Part-B.
PART – A (25 Marks)

1	Explain the significance of each word in public static void main (string args[]).	2
2	Differentiate overloading and overriding.	3
3	What is the difference between throw and throws clause?	2
4	What are the different states of threads?	3
5	List the different collection classes and collection interface.	2
6	What is the use of String Tokenizer?	3
7	Explain the delegation event model.	3
8	List the different AWT controls.	2
9	What is Serialisation? Which type of variables cannot be serialized.	2
10	What is use of Data input stream and Push back input stream?	3

PART – B (50 Marks)

11	a)	Explain the features and benefits of Object Oriented Development.	5
	b)	Write a program to demonstrate dynamic method dispatch and explain.	5
12	a)	Write a stack program using user defined exception.	5
	b)	What are the different ways of creating thread? Explain any one method with example.	5
13	a)	Explain the use of Comparator with example.	5
	b)	Explain the different iterators used for accessing the elements with example.	5
14	a)	Write a program for mouse event handling.	5
	b)	Explain the steps involved in creation and handling of Menus.	5
15	a)	Write a program to copy one file content into another file.	5
	b)	Write a program to read the integer value from console and check whether it is a prime number or not.	5
16		Write a program to read the strings and sort the list of strings.	10
17		Write short notes on the following :	
	a)	Interface	3
	b)	Hashmap	3
	c)	Package	4

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