FACULTY OF ENGINEERING
B.E. 2/4 (CSE) II Semester (New) (Main) Examination, May/June 2012
OBJECT ORIENTED PROGRAMMING 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. Define object oriented development. 3
2. What is a package ? 2
3. What are the different ways of defining constants in Java ? 2
4. Differentiate string and string buffer. 3
5. What are iterators ? 2
6. What is wrapper class ? 3
7. List the layout managers. 3
8. Differentiate label and test field. 2
9. List the byte stream classes. 3
10. What is serialization ? 2

PART – B (50 Marks)

11. a) What is type conversion and casting ? Explain with example. 5
b) What is an interface ? Give example. 5
12. a) What is synchronisation ? Explain with example. 5
b) Write a program to create and use user defined exception. 5

(This paper contains 2 pages)
13. a) Write a program to read two arrays A and B and find $A \cup B$.
   b) Explain map interface with an example.

14. a) Write a program for keyboard event handling.
   b) Write a program to display image as label and two text fields to read two numbers.

15. a) Write a program for writing objects into a file.
   b) Write a program for reading from console and write into console.

16. a) Explain the significance of the `final()`, `super` and `static` with example.
   b) Explain the Garbage collector.

17. Discuss the following:
   a) String tokenizer
   b) Iterator
   c) Abstract class
   d) Comparator.