



Code No. : 5439/N

**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 text 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



13. a) Write a program to read two arrays A and B and find  $A \cup B$ . 5  
b) Explain map interface with an example. 5
14. a) Write a program for keyboard event handling. 6  
b) Write a program to display image as label and two text fields to read two numbers. 4
15. a) Write a program for writing objects into a file. 5  
b) Write a program for reading from console and write into console. 5
16. a) Explain the significance of the final(), super and static with example. 6  
b) Explain the Garbage collector. 4
17. Discuss the following : 10  
a) String tokenizer  
b) Iterator  
c) Abstract class  
d) Comparator.