

Code: CSCS1T6

I M.Tech-I Semester-Regular Examinations-April 2013

**OBJECT ORIENTED PROGRAMMING  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3hours

Marks: 5x14=70

Answer any FIVE questions. All questions carry equal marks

1. (a) Explain the features of Object Oriented Programming. 7 M  
(b) Explain Java Runtime Environment. 7 M
2. (a) Explain various conditional control structures supported in Java. 7 M  
(b) Write a Java program to perform matrix multiplication. 7 M
3. (a) Explain nested classes in Java. 7 M  
(b) What are abstract classes? Differentiate between abstract classes and final classes. 7 M
4. (a) Explain how interfaces be used to support multiple inheritances. 7 M  
(b) What are packages? Explain how packages are created in Java. 7 M

- 5.(a) Explain with examples the differences between the string class and the string buffer class. 7 M
- (b) Explain File Management in Java with an example. 7 M
- 6.(a) Discuss the differences between TCP and UDP socket programming. 7 M
- (b) What are threads? Briefly explain the differences between a thread and a process. 7 M
- 7.(a) Differentiate AWT and Swing. 7 M
- (b) Explain the Model-View-Controller. 7 M
- 8.(a) Explain various types of JDBC drivers in Java. 7 M
- (b) Explain how HTTP Get and HTTP Post requests are processed in a Servlet. 7 M