



**II Semester M.Sc. (I.T.) Examination, December 2009/January 2010**  
**ADVANCED JAVA (Repeater)**

Time : 3 Hours

Max. Marks : 75

**Instruction:** Answer *all* questions from Part A and *any five* questions from Part B.

PART – A

(10×2+5×1=25)

1. What makes Java Robust and Secure ?
2. Write a Java program to display “Hello World”.
3. Define Java platform.
4. List the commands to compile and interpret Java program.
5. Define container.
6. Explain RMI.
7. What is an applet ?
8. List different types of sockets.
9. What is JDBC ?
10. What is HTTP ? Name the port used by HTTP.
11. a) Which is the top most class in Java ?  
(i) Java (ii) Object (iii) Class (iv) String
- b) Which of the following is not a key word ?  
(i) try (ii) finally (iii) final (iv) volatile

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- c) The Java thread is a lightweight process.  
(i) true (ii) false
- d) Can a container have multiple layout managers ?  
(i) true (ii) false
- e) Java is platform independent because of \_\_\_\_\_

**PART – B**

**(5×10=50)**

1. Discuss about Packages and Access Modifiers in Java.
2. Explain the following key words :  
(i) try (ii) finally (iii) throws (iv) catch (v) throw
3. Discuss Swing Layouts.
4. Explain the life cycle methods of an applet with an example program.
5. Explain Java servlet API with an example.
6. Explain the concepts of inheritance, method overloading and polymorphisms in Java.
7. Write simple GUI program to display a menu.
8. Explain Java RMI architecture.

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