

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, AUGUST 2006**Computer Science****CS 204—ADVANCED JAVA PROGRAMMING**

(2005 admissions)

Time : Three Hours**Maximum : 80 Marks****Part A**

*Answer any **five** questions.
Each question carries **8** marks.*

1. (a) What are the different statements supported by **JDBC** ?
(b) Write a note on **metadata**.
(5 + 3 = 8 marks)
2. What are the key **RMI** classes for Remote Object Implementations ? (8 marks)
3. Write a note on Context, Initial context, Attribute. (3 + 2 + 3 = 8 marks)
4. (a) What do you mean by Session Tracking ?
(b) Compare and contrast **servlet** and **JSP**.
(4 + 4 = 8 marks)
5. Differentiate between **Stateful** and Stateless session beans. (8 marks)
6. (a) Write a short note on transactions.
(b) Explain the procedure for configuring **servlets**.
(4 + 4 = 8 marks)
7. Explain the procedure for configuring clients and servers for remote class loading. (8 marks)
[5 x 8 = 40 marks]

Part B

*Answer any **four** questions.
Each question carries **10** marks.*

8. **Write a program to implement a** web page. Also explain the procedure for configuring any web server.
(5 + 5 = 10 marks)
9. Write a note on different types of enterprise **java** beans. (10 marks)
10. **Explain JNDI** architecture. (10 marks)

Turn over

11. What is a stored procedure ? How it is implemented using Oracle **PL/SQL** ? Also explain the procedure for calling it in **JDBC**.

(3 + 4 + 3 = 10 marks)

12. Write the procedure for connecting any database table as a back end of **HTML** form using **servlet**

(10 marks)

13. (a) What do you mean by **serializable** classes in **RMI** ?

(b) What is a Naming service ?

(c) Write short note marshalling.

(4 + 4 + 2 = 10)

[4 x 10 = 40]
