**C 6873**

**Name**.....

**Reg. No**.....

# SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JUNE 2010

**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. Discuss JDBC architecture.
2. (a) Explain the steps for using table (swing) in an applet.
   (b) Write note on serializable classes [RMI].

   **(4 + 4 =** 8 marks)
3. Write note on accessing and registering remote objects.
4. Write note on servlets that access "request headers".
5. (a) Explain the role of JNDI.
   (b) Explain how to obtain initial JNDI context.

   (4 + 4 = 8 marks)
6. Write short notes on implementing session and entity beans.
7. Explain how a reusable web presentation can be built with jsp.

   (5 x 8 = 40 marks)

## Part B

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

8. (a) With suitable example illustrate how to create a text field using swing.
   (b) Write notes on *statements* in JDBC.

   **(5 + 5 = 10** marks)
9. Discuss creation of stubs and skeletons in RMI.
10. Discuss the architecture of RMI.
11. What is a servlet ? Explain how a simple HTTP servlet can be developed and deployed.
12. Write notes on the following related to JNDI :
    (i) Accessing directory services.
    (ii) Attributes and attribute interface.
13. (a) Explain how a jsp page can be developed with custom tags.
    (b) Highlight problems with jsp technology.

    (6 + 4 = 10 marks)

[4 x 10 = 40 marks]