# E 3035

## M.C.A. DEGREE EXAMINATION, MAY/JUNE 2007.

### Fifth Semester

### CA 331 – ADVANCED JAVA PROGRAMMING

(Regulation 2002)

Time : Three hours
Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. How java sockets are made to talk with C/C++ sockets?

2. What is the difference between java class and java interface?

3. What is meant by marshalling and un-marshalling?

4. What are smart proxies?

5. Define persistence.

6. List the important concepts in component model.

7. What are the main benefits in J2EE platform?

8. What is the difference between JSP Session and EJB session?

9. What is meant by internationalization?

10. What is java media framework?

PART B — (5 × 16 = 80 marks)

11. (a) Describe four core collection interfaces. (16)

Or

(b) Describe the event handlers with example. (16)

12. (a) Explain the areas of JINI technology and show how it is different from Java dynamic networking. (16)

Or

(b) Discuss RMI architecture with an example. (16)

13. (a) Describe the basics of designing a Java Bean. (16)

Or

(b) Explain how the properties can be customized in GUI and non-GUI environment. (16)

14. (a) Give the brief description of 4 interfaces applicable to EJB, explain when to use it and state the differences between them. (16)

Or

(b) Describe the architecture of EJB. (16)

15. (a) Explain how a media player can be created for our own application. (16)

Or

(b) Explain how Java support I/O for internationalization. (16)

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