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B.E/B.Tech DEGREE END SEMESTER EXAMINATIONS, APR/MAY 2012
FIFTH SEMESTER – (REGULATIONS 2004)
Information Technology
IT503 Advanced Java Programming

Time: Three hours

Maximum: 100 marks

Answer ALL Questions.
Part – A (10*2 = 20)

1. What is Multithreading?
2. What is meant by Java Native Interfaces?
3. What are Content Handlers? What is the purpose of it?
4. What is a datagram?
5. How to create a JAR file?
6. What is meant by Naming services?
7. What are the differences between java bean and EJB?
8. Why HTTP is called as a stateless protocol?
9. What is the difference between doGet() and doPost() methods used in servlet?
10. How do you register the RMI profile for mobile devices?

Part B – (16*5 =80)

- 11 i) Explain about Java Virtual Machine and discuss the importance of byte code to get platform independence of java program. (10)
- 11 ii) Write a simple Java program to read input from the keyboard. (6)
- 12 a) i) Write a program to implement client server socket programming using TCP sockets. (10)
- 12 a) ii) What are the components of a URL? How can you parse an URL and display? (6)
- (OR)**
- 12 b) i) Explain about Java Messaging Services with a simple example. (10)
- 12 b) ii) Write short note on Telnet application. (6)
- 13 a) i) Explain about RMI with the steps for building any distributed application using it. (10)
- 13 a) ii) Describe about Object Serialization. (6)

(OR)