

FIFTH SEMESTER EXAMINATION – 2005

ENTERPRISE WEB-BASED COMPUTING
WITH JAVA

Full Marks – 70

Time : 3 Hours

*The figures in the right hand margin indicate
full marks for the questions.*

*Answer question No. 1 which is compulsory and
any five from the rest.*

1. Answer the following in a sentence or two :

2×10

- (a) What is a Web Server ?
- (b) Write any four popular Domain Name Extensions.
- (c) What is Telnet ?

P.T.O.

- (d) Write any two HTML Tags for Form Object.
 - (e) What is the difference Password and Hidden field
 - (f) What is XSL ?
 - (g) What is RMI ?
 - (h) What is Three-Tier Architecture ?
 - (i) How a scripting language is different from a high level language ?
 - (j) What are the five stages of Java Applet Life Cycle ?
2. (a) Why is HTML called a Markup Language ? What are the two types of tags? Explain each with an example. 5
- (b) What are the two types of DTD? Explain. 5
3. (a) What are the different types of dialog boxes available in Java Script. Explain. 5

- (b) What are Java Beans? What do you mean by Accessor method and Mutator method ? 5
4. (a) How does J2EE meet the needs of Web Applications ? 5
- (b) What is the difference between Get and Post method with regards to Submit and Reset Button element in a Form Object ? 5
5. (a) What are the different layers of RMI ? Discuss them in brief. 5
- (b) What are Java servlets and how they are created ? 5
6. (a) Explain the attributes Cellpadding, Cellspacing, Colspan, Rowspan in the Table Tag of HTML. 5
- (b) Explain ODBC and JDBC. 5
7. (a) What is the concept of a "session" in web programming ? 5

(b) What are the advantages and disadvantages of using cookies for session management ? 5

8. Write short notes on any two : 5×2

(a) The working of a Java Applet

(b) Model View Controller pattern

(c) Java Server Pages

(d) Microsoft Transaction Server.

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