

2609

B.E. 8th Semester (IT) Examination, December-2008

ADVANCE JAVA

Paper-CSE-404-E

Time allowed : 3 hours

[Maximum marks : 100

Note : Attempt any five questions.

1. (a) What do you mean by byte code ? Explain its working. 12
- (b) Why is Java more suitable as compared to other languages ? 8
2. (a) Describe how a server sends data to a client. 7
- (b) How a client application can read a file from a server through a URL connection, discuss with a suitable program ? 13
3. (a) What is usage of prepared statement ? Discuss with an example. 8
- (b) Write a program to connect to a database, query it and display the result. 12
4. (a) What is SOAP ? Explain various remote method calls with SOAP. 8
- (b) What is distributed computing, discuss it with reference to Remote Method Invocation. 12

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5. (a) Discuss the Bean writing process. 8
(b) What are Java Beans ? How do they facilitate component orient software construction ? 12
6. (a) What are component organizers ? How are swing components different from AWT components ? 10
(b) Discuss these components with implementation
(i) Lists
(ii) Trees. 10
7. (a) How Coordinate Transformations are implemented in AWT ? How images are manipulated ? 10
(b) Write a program to print a text on screen when a particular key has been hit. 10
8. Write short notes on : 20
(i) Class loaders
(ii) Multi threading
(iii) Applets
(iv) Security Managers.