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 Jawa 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

2609-P-2-Q-8 (08)   [P.T.O.

5. (a) Discuss the Bean writing process.   8

   (b) What are Jawa 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.

2609