

Roll No. ....

**2609**

**B. E. 8<sup>th</sup> Semester(IT)**

**Examination - May, 2012**

**ADVANCE JAVA**

**Paper : CSE - 404 - E**

***Time : Three Hours ]***

***[ Maximum Marks : 100***

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complain in this regard, will be entertained after examination.*

**Note :** Attempt any *five* questions. All questions carry equal marks.

1. (a) What are Applets ? Explain their usage. How they are different from Java programs ? 10  
(b) Explain Inheritance and Exception handling in Java with examples. 10
2. Describe implementation of Servers. Also explain advance Socket programming with suitable example. 20
3. Explain the following ;
  - (i) Metadata
  - (ii) Design of JDBC

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- (iii) LDAP 20
4. How parameters are passed in Remote Methods ?  
Explain various remote Method calls with SOAP. 20
5. What are component organizers ? Write a program in Java to implement Trees and Tables. 20
6. (a) How Coordinate Transformation and Image Manipulation is done in AWT ? 10  
(b) Write a program to implement Drag and Drop in AWT. 10
7. Explain the following :  $10 \times 2 = 20$   
(i) Bean writing Process  
(ii) Naming patterns for Bean components
8. (a) How byte code verification is done ? Explain. 10  
(b) Explain Code Signing and Encryption. 10