B.Tech. 7th Semester (F) Scheme (IT) Examination,

December-2018

ADVANCED JAVA

Paper-CSE-409-F

Time allowed : 3 hours] [*Maximum marks : 100*

Note : *Attempt five questions selecting one question from each section.* **Question no. 1 is compulsory.**

1. Write short notes on the following: 20

    (a) What is socket ? How socket plays an important role in connecting to server ?

    (b) Define array. Explain use of array with example.

    (c) Define bean. Explain the steps for bean writing process.

    (d) What is the role of client and server ?

Section-A

2. (a) Define control statements. Write a program to show the use of FOR and WHILE loop. 10

    (b) Define Inheritance. Explain types of Inheritance in Java. How we can implement Multiple Inheritance in Java with example. 10

3. (a) Explain the implementation of Client and Server with example. 10

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(b) Explain the mechanism for making an URL connection.

Section-B

4. Briefly explain :   20

(a) Introduction to LDAP

(b) Transactions

(c) Scrollable and Updatable Result Sets

(d) JAVA IDL & CORBA

5. (a) Describe the design of JDBC.   5

(b) Explain the JDBC programming concept in detail.   15

Section-C

6. (a) Explain the concept of using swings with the help of program.   10

(b) Describe the concept of AWT with the help of program.   10

7. Explain the following :   20

(a) Progress indicator in swing

(b) Shapes & Areas in AWT

(c) Coordinate Transformations

Section-D

8. (a) What are property editors ? Explain various types of property editors in detail.   10

(b) Explain how beans can be used to build an application with example.   10

9. Briefly explain the following :   20

(a) Digital Signatures

(b) Byte code verification

(c) BeanInfo class