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B.Tech. 7th Semester (CSE)
Examination, December–2015

ADVANCE JAVA

Paper–CSE-409-F

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

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

Note : Attempt five questions. Question No. 1 is compulsory. Select one question from each section.

1. (a) How to declare method ?

   (b) In what way does a switch statement differ from if statement.

   (c) What is Row set ?

   (d) What is progress indicator ?

   (e) What do you mean by encryption ?

Section–A

2. (a) What is Exception ? List some of the most common type of exception that might occur in Java. Explain how to deal with exception.

   (b) What are various data type used in JAVA language ? Illustrate their declaration.

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3. (a) What is socket ? Describe different type of socket ? What are the applicationof socket programming.

   (b) Explain the method of making URL connections.

Section–B

4. (a) What is RMI ? How parameters are passed in remote Methods ?

   (b) Explain :

   (i) Java IDL

   (ii) CCRA

5. (a) What is JDBC ? Explain various class of JDBC drivers ? Also write typical use of JDBC.

   (b) What do you mean by LDAP ? Explain.

Section–C

6. (a) What do you mean by swing ? Explain various component of swing with example.

   (b) How to implement list and tree using java swing ? Explain with example.

7. Explain the following with reference to AWT:

   (i) Strokes

   (ii) Clipping

   (iii) Image Manipulation

   (iv) Rendering Hints.

Section–D

8. Explain the following :

   (i)   Byte code Verification

   (ii) Digital signature

9. What do you mean by beans ? What are the naming patterns for beans and events ? How to build an application using Beans ? Explain with example.