(b) Explain how beans can be used to make an application with the help of example ?

9. Briefly explain the following :

(a) Digital Signatures.

(b) Code Signing.

(c) Class Loaders.

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B. Tech. 7th Sem. (IT) (Re-appear)

Examination – October, 2020

ADVANCED JAVA

Paper : CSE-409-F

Time : 1.45 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 examination.

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

1. Write a short note on the following :

   (a) What are the advantages of client server model ?

   (b) Define array. Explain the use of array with example in java.

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

(d) What is remote method invocation ? Briefly explain.

2. (a) Write about socket programming in detail.

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

3. (a) What is multithreading ? Mention its advantages and write a program that implement multithreading.

(b) How to make URL connection in Java ? Explain with the help of example in detail.

4. Briefly explain :

(a) Advanced Connection Management

(b) Remote Method Calls with SOAP

(c) Scrollable and Updatable Result Sets

(d) JAVA IDL & CORBA

5. (a) How Parameter Passing in Remote Methods Server Object Activation ? Explain briefly.

(b) What is RMI? Explain the setup for Remote Method Invocation.

6. Briefly explain :

(i) Progress monitor

(ii) Shape & Areas in AWT

(iii) Paint

(iv) Tree and Tables in Swings

7. Explain the following :

(a) Progress indicator in swing.

(b) Coordinate Transformations in AWT

(c) Drag & Drop in AWT

8. (a) What is property editor ? Explain how you can write property editor by giving example ?