Bachelor of Science (Information Technology) (I.T.) Semester—VI (CBS) Examination
ADVANCED JAVA PROGRAMMING
Paper—2

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (1) **ALL** questions are compulsory and carry equal marks.

   (2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (A) Explain primitive data types in Java with example.   5

   (B) What is Package ? Explain creation and use of package with suitable example.   5

   OR

   (C) Define an Array. Write a program in java to sort the elements of a string array in alphabetical order.   5

   (D) Write notes on :
      (i)   TextField
      (ii) Button
      (iii) ComboBox.   5

EITHER

2. (A) Explain different types of JDBC drivers.   5

   (B) What is the use of DriverManager class ? Explain its important methods.   5

   OR

   (C) Explain PrepareStatement( ) in detail with its syntax and example.   5

   (D) Write a java program for retrieving records from a database.   5

EITHER

3. (A) Explain the capabilities of java bean builder tools.   5

   (B) Explain execution routine of java beans.   5

   OR

   (C) Explain working of JAR Files.   5

   (D) Explain RMI Architecture in detail.   5

EITHER

4. (A) Explain the life cycle of a servlet in detail.   5

   (B) Write a note on Cookie class.   5

   OR

   (C) Develop a servlet, which reads and prints the parameters of servlet.   5

   (D) Describe any four methods of Servlet interface.   5

5. Attempt **ALL** :

   (A) What is Inheritance ? List all types of inheritances.   2½

   (B) Explain exceptions in java.sql package.   2½

   (C) What are java beans ? List its advantages.   2½

   (D) Explain advantages of JSP.   2½