Master of Science (M.Sc.) Semester–I (CBCS) (Computer Science) Examination
PROGRAMMING IN JAVA
Paper–2
Paper–II

Time : 3 Hours]   [Maximum Marks : 80

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

(2)   Draw neat and labelled diagrams wherever necessary.

EITHER

1. (A) What is an Exception ? Explain structure of Exception Handling.   8

    (B) Write a program to demonstrate constructor overloading.   8

    OR

    (C) Explain Interthread communication in Java.   8

    (D) Write a program to show the use of static variable and static method.   8

    EITHER

2. (A) What is an Applet ? Explain life cycle of an Applet.   8

    (B) Write a program to demonstrate the Border layout.   8

    OR

    (C) Write a program to create an Applet to show Lamp shape using graphics class.   8

    (D) What is an Event ? Explain Event Handling in Java programming using swings.   8

    EITHER

3. (A) Write a program to create RMI server and client.   8

    (B) Explain the JDBC Architecture in detail.   8

    OR

    (C) Write a program to create TCP/IP server socket and client socket.   8

    (D) Describe types of Drivers of JDBC. Explain JDBC-ODBC Bridge Driver.   8

    EITHER

4. (A) Write a servlet program to read servlet parameters.   8

    (B) Explain types of JSP tags giving example of each.   8

    OR

    (C) Describe servlet life cycle in detail.   8

    (D) Write a program to develope Beam using BDK.   8

5. (A) What is Bytecode ? Explain all datatypes used in Java.   4

    (B) Describe HTML APPLET Tag.   4

    (C) What is Datagram ? Explain.   4

    (D) What are Cookies ? Explain.   4