**Bachelor of Science (B.Sc.) Information Technology (I.T.) Semester—VI 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 package handling with Java.                                                         5

(b)  Explain tabbed pane with example.                                                          5

**OR**

(c)  Explain scroll bar handling with example.                                                  5

(d)  Explain Applet application with example.                                                  5

**EITHER**

2.  (a)  Write a note on JDBC/ODBC bridge.                                                        5

(b)  Explain process of selecting data from database.                                     5

**OR**

(c)  Explain routine of connection string handling.                                          5

(d)  Explain objects availed with Java.sql.package.                                        5

**EITHER**

3.  (a)  Explain working of RMI.                                                                          5

(b)  Write a short note on bean.                                                                       5

**OR**

(c)  Explain the process of creating a simple bean.                                          5

(d)  Explain architecture of RMI-method invocation.                                      5

**EITHER**

4.  (a)  Explain architecture of JSP.                                                                     5

(b)  Explain life cycle of servlet.                                                                      5

**OR**

(c)  Explain process of debugging servlet.                                                        5

(d)  Explain network session cookies in short.                                                 5

5.  Attempt **all** :

(a)  Write a short note on dialog box.                                                             2½

(b)  How to connect remote database ?                                                           2½

(c)  Explain application builder tool.                                                               2½

(d)  Explain HTTP redirects in short.                                                             2½