Bachelor of Science (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 in brief pluggable Look and Feel.   5

(B) Write a swing program containing text-field and a button. When user clicks on button, text should be displayed on screen.   5

OR

(C) Why is JPanel used in swings ? State and explain constructors used for creating JPanel.   5

(D) What is the purpose of tabbed panes ? Explain with suitable example.   5

EITHER

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

(B) Describe common JDBC components in detail.   5

OR

(C) Explain important classes and interface of java.sql package.   5

(D) What are the basic steps to create a JDBC application ?   5

EITHER

3. (A) What are Java beans ? How are these useful and used ?   5

(B) Explain entity beans and its advantages and disadvantages in detail.   5

OR

(C) Explain the various methods involved in EJB. 5

(D) Briefly discuss the various components of RMI. 5

EITHER

4. (A) Give steps to create simple servlet and also write program to demonstrate. 5

(B) Discuss the process of debugging servlet. 5

OR

(C) Explain the Servlet utility classes in detail. 5

(D) Explain life cycle of JSP. 5

5. Attempt **ALL** :—

(A) Explain interfaces of java.lang. 2½

(B) Write a note on database connection string. 2½

(C) What is BDK ? 2½

(D) Define cookies. 2½