

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

Time : Three Hours]

[Maximum Marks : 50

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

(2) Draw neat and labelled diagrams wherever necessary.

EITHER

1. (A) Explain package and interface with its syntax. 5
- (B) Write a swing program containing text field and a button, to calculate addition of number. 5

OR

- (C) Explain why J-Panel swing is used. 5
- (D) Explain the purpose of tabbed panes. 5

EITHER

2. (A) How to connect remote database with the help of program ? 5
- (B) Explain different types of JDBC drivers. 5

OR

- (C) Explain basic steps to create ODBC application. 5
- (D) Explain JDBC components. Give its features. 5

EITHER

3. (A) Explain various methods involved in Enterprise Java Beans (EJB) 5
- (B) Explain session beans and entity bean with example. 5

OR

- (C) How to connect client server application using RM1 ? 5
- (D) Explain JAR files in detail. 5

EITHER

4. (A) Explain life cycle of servlet. 5
- (B) Explain the process of debugging servlet and running servlet. 5

OR

- (C) Explain life cycle of JSP. 5
- (D) Write a program to create registration form with the help of servlet. 5

5. Attempt **all** :

- (A) What is interface ? 2½
- (B) Give uses of drivers. 2½
- (C) What is Java beans ? 2½
- (D) What are cookies ? 2½