

(Please write your Exam Roll No.)

Exam Roll No.

END TERM EXAMINATION

SIXTH SEMESTER [B.TECH] JUNE 2024

Paper Code: CIE-306T
FSD-318T

Subject: Advanced Java Programming

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five question in all including Q.No1 which is compulsory.
Select one question from each unit.

- Q1 All Question are compulsory
- (a) Differentiate between core java and advanced java. (5)
 - (b) State and explain the types of cookies in servlets. (5)
 - (c) List out and explain the features of JSP. (5)
 - (d) How JSP is more advantageous than Servlet. (5)
 - (e) Explain Hibernate framework and how it is related to ORM tool. (5)

UNIT-I

- Q2 (a) Write a java program to demonstrate the concept of socket programming. (6.5)
- (b) Discuss the advantages, disadvantages and hierarchy of applets. (6)
- Q3 (a) Explain the basic steps of implementing a server with basic methods used in each step. (6.5)
- (b) Write a program in java to demonstrate the concept of applets. (6)

UNIT-II

- Q4 (a) Explain the lifecycle of a servlet with an example. (6.5)
- (b) Write a java program to demonstrate the use of Java Beans. (6)
- Q5 Discuss the types of Java Beans with a diagram of each type. (12.5)

UNIT-III

- Q6 Explain the lifecycle of a JSP page with a diagram. (12.5)
- Q7 Illustrate about any five implicit objects of JSP with example. (12.5)

UNIT-IV

- Q8 Discuss the steps to write a RMI program with an example of each step. (12.5)
- Q9 Draw the architecture diagram of Hibernate framework and also explain its elements. (12.5)
