END TERM EXAMINATION

SIXTH SEMESTER [B.TECH] JUNE 2024

Paper Code: CIE-306T	Subject: Advanced Java Programming
FSD-318T	
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)**

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