D-003-003507   Seat No. _____

B. C. A. (Sem. V) Examination

March - 2022

CS-25 : Advance Java Programming (J2EE)

Faculty Code : 003

Subject Code : 003507

Time : **2$\frac{1}{2}$** Hours]   [Total Marks : **70**

Instructions : (1) All questions carry equal marks.

(2) Answer any five questions.

1   (A) Explain Enterprise Architecture Styles in detail.

(B) Explain J2EE APIs in detail.

2   (A) Explain Database Exception Handling with suitable example.

(B) What is JDBC Drivers? Explain Types of JDBC Drivers in detail.

3   (A) What is RMI? Explain RMI architecture in detail.

(B) What is servlet? Explain Servlet life cycle in detail.

4   (A) Explain session Tracking Approaches in detail.

(B) What is JSP? Explain JSP Life cycle in detail.

5   (A) Explain JSP elements in detail.

(B) Explain including and forwarding from JSP pages in detail.

6   (A) Explain Error Handling and Exception Handling with JSP in detail.

(B) What is JavaBean? Explain JavaBean Methods in detail.

7 (A) Explain Implementation of WC Architecture in detail.

(B) What is EJB? Explain Types of EJB.

8 (A) Explain Message-driven beans with suitable example.

(B) What is Hibernate? Explain advantages and disadvantages of Hibernate.

9 (A) Explain Hibernate Mapping file in detail.

(B) Explain Hibernate Inheritance with suitable example.

10 (A) What is spring? Explain Spring Architecture in detail.

(B) Explain struts flow of control with suitable example.

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