SRM Institute of Science and Technology, Kattan...
Faculty of Engineering and Technology, Department of Information Technology
15IT411J – INTERGRATIVE PROGRAMMING AND TECHNOLOGY

Cycle Test 2

SET A

Date: 17/09/2018

Class: IV/VII Sem/B.Tech-IT

Max Marks: 50

Duration: minutes

5*4=20 Marks

PART A (Answer any 5)

1. Sketch and explain the three logical layers or fundamental concerns in an Enterprise Architecture?

2. State the various Java EE Components and Containers in a Web Application

3. What are the various control and management services provided by EJB Container?

4. Differentiate stateless and stateful session beans.

5. What are the administrative objects that has to be configured to implement Java Messaging Service?

6. What are the two types of Message Consumption?

7. Draw and explain the working process of Message Driven Bean.

PART B

2*15=30 Marks

8. a.i.Explain the lifecycle of stateful session Beans. Write a program to implement a Banking Application using stateful session Beans. (15 marks)

OR

8.b.i) List down the steps for creating a stateless session Bean. Write a simple Enterprise Application program to explain the concept of stateless session beans (10marks)

8. b.ii) State the goals of Enterprise Applications. (5 marks)

9. a.i)Explain point to point Messaging Model implementation using Message Driven Bean in detail with suitable diagram. (15 marks)

OR

9.b.i)Create a chat Application using publish subscribe programming Model. Also state its steps of Execution. (15 marks)