M. Sc. (IT&CA) (Sem. - III) Examination

May / June – 2015

EMY - 3023 : Adv. Java Programming in J2EE

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

1 Attempt any ten of the following :   **30**

(1) Explain cookie.

(2) Briefly explain Prepared Statement

(3) List the benefits of enterprise Java beans.

(4) Differentiate JSP Vs Servlet

(5) List the different JSP directives. Explain any one of them

(6) Explain: <jsp:plugin>

(7) Briefly explain the page scope of JSP

(8) What is Java Message Service? Explain in brief.

(9) What is entity class in Entity beans?

(10) Explain Java persistence.

(11) Differentiate: stateless Vs stateful session beans

2 Attempt any three of the following: **15**

(1) List the different types of JDBC drivers. Explain any one of them.

(2) List the different implicit objects of JSP. Explain any three of them.

(3) What is XML file? Briefly explain utility of web.xml.

(4) Take two numbers from the browser, clicking on the submit button the servlet will give the result and display it in the 'browser.

3   Attempt any two of the following: **15**

      (1)   Explain the life cycle of HttpSession.

      (2)   What is enterprise Java beans? Explain its architecture.

      (3)   Briefly explain the servlet API.

4   Attempt any one of the following: **10**

      (1)   What is servlet? Explain the life cycle of a servlet in detail.

      (2)   Write a Java program that read a text file named "checked.text" with no, name,sex,per (the data are comma separated). Read all the records of the checked.text and insert into a table name checked. You may take the database of your choice (i.e. access, oracle, sell server-2008)

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