NOVEMBER/DECEMBER 2018

MCS22 — ENTERPRISE JAVA
PROGRAMMING

Time : Three hours   Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

1.   (a)   What is Model-View-Controller? Discuss it.

Or

(b)   List out the typical uses of JNDI.

2.   (a)   Write a short note on JSP User Session.

Or

(b)   Describe the life cycle of JSP page.

3.   (a)   Write a short note on EJB container.

Or

(b)   How the exception handling can be done in Java Bean?

4.   (a)   Write a short note on the various components of controller layer of struts.

Or

(b)   Brief out the uses of action servlet.

5.   (a)   Write a short note on association mapping in Hibernate.

Or

(b)   Describe the life cycle of Hibernate entities.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6.   Enumerate the J2EE technologies and packaging.

7.   Explain the various control statements available in Java Server Pages.

8.   Illustrate the various EJB Components.

9.   Explain the steps to create an application in struts.

10.   Discuss about the architecture of Hibernate.