

ALCCS

Time: 3 Hours

DECEMBER 2015

Max. Marks: 100

PLEASE WRITE YOUR ROLL NO. AT THE SPACE PROVIDED ON EACH PAGE IMMEDIATELY AFTER RECEIVING THE QUESTION PAPER.

NOTE:

- Question 1 is compulsory and carries 28 marks. Answer any FOUR questions from the rest. Marks are indicated against each question.
- Parts of a question should be answered at the same place.

- Q.1**
- What is DHTML? What are the features of DHTML?
 - What is a Socket? How to create a ServerSocket object?
 - Write the rules of XML declaration and List out the three parts of XSL.
 - What is AJAX? Write the disadvantages of AJAX.
 - Distinguish between Session and Entity Beans.
 - What is the JMS API? When can you use the JMS API?
 - Give the important terminologies in HTTP. (7×4)
- Q.2**
- What is the difference between javascript and HTML? (3)
 - How to create links to sections on the same page in HTML? (6)
 - Explain the different types of CSS in HTML. (4)
 - Explain the event handlers in JavaScript. (5)
- Q.3**
- Write java socket server program. (9)
 - Write a program to Create SMTP Client and SMTP Server Verify with SSL Certificates. (9)
- Q.4**
- What is XPath? Discuss different types of nodes in the XPath data model. (9)
 - How to transform an XML Document into another XML Document? (9)
- Q.5**
- Explain how traditional web application model is different from AJAX web application model. List any three Ajax principles. (9)
 - How does a servlet communicate with a JSP page? (9)
- Q.6**
- How can you hold and pass references to enterprise beans? (9)
 - Explain the different types of EJB. (9)
- Q.7**
- Explain the JMS API Architecture with neat diagram. (9)
 - Explain any three basic mechanisms for achieving reliable message delivery in JMS API. (9)