

Time: 3 Hours

FEBRUARY 2014

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** a. What is the purpose of Marquee tag?
b. Write advantages of DHTML over HTML.
c. Differentiate between JavaScript and Java.
d. Write a Javascript program using switch statement to change the background colors.
e. Write some characteristics of an enterprise bean.
f. List atleast five basic operations that a socket can perform.
g. What are XSLT documents and JSONS? (7×4)
- Q.2** a. Write a java program using Socket class to find out which of the first 1024 ports seem to be hosting TCP servers on a specified host. (9)
b. Write a java program to read the list of hostnames from the command-line and then it prints the remote host, the remote port, the local address and the local port. (9)
- Q.3** a. “A Server Socket’s job is to sit by the phone and wait for the incoming call”. Explain this statement. (9)
b. What is Session Tracking? Write the help of Servlet code explain how browser display the current date and time information using session state? (9)
- Q.4** a. With the help a suitable diagram explain the life-cycle of statefull session bean? (9)
b. What is the role of XPATH in an Internet Explorer? How it works with a Name space Resolver? (9)
- Q.5** a. Describe various Ajax communication techniques. (9)

- b. What is EJB container? Explain the different services provided by EJB container to application developer? (9)
- Q.6** a. What is submission throttling? Explain. (9)
- b. Explain the following Ajax methods:-
- (i) load() method
 - (ii) \$.ajax() method
 - (iii) ajaxStart() and AjaxStop () methods (9)
- Q.7** a. Write short notes on:-
- (i) Cross-Browser XPath
 - (ii) XParser (9)
- b. Explain the main architecture of JMS API programming Model. (9)