Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 18

B.Tech.(CSE) (2011 Onwards E-I)   (Sem.–6)
WEB TECHNOLOGIES
Subject Code : BTCS-901
M.Code : 71110

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTION TO CANDIDATES :
 1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
 2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
 3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1.   Differentiate cookies from session variables.

2.   What are interfaces in JAVA?

3.   Differentiate betweem SMTP and POP.

4.   What is a Scriptlet?

5.   Write the JAVA script to print "Good-Day" using IF-ELSE condition.

6.   What is meant by dynamic HTML?

7.   When the namespace is called in XML? Why?

8.   Differentiate between 'Get' and 'Post' methods in PHP.

9.   Explain the role of web browser.

10.   What are the major advantages and disadvantages of AJAX?

SECTION-B

11.   Explain HTML text formatting tags with example.

12.   Discuss the concept of function overloading in JAVA with example.

13.   What are the drawbacks of HTML? How are they addressed in XML?

14.   Elaborate Internet addressing and types of Internet connections.

15.   Explain the concept of Exception Handing. How will you create your own exception?

SECTION-C

16.   a. Write a JavaScript that scrolls a text message in the status bar of the browser window.

        b. Explain the frames and table tags of HTML with suitable example.

17.   a. Write a PHP program to print reverse of any number.

        b. Give a note on need and applications of XML.

18.   Discuss AJAX architecture and compare it with DOM.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.