



B.E/B.TECH DEGREE EXAMINATIONS: APRIL 2015

(Regulation 2009)

Seventh Semester

ITY114: WEB TECHNOLOGY

(Common to CSE/IT)

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. UDP is sometimes referred to as a _____
 - a) Lightweight communication protocol
 - b) Heavyweight communication protocol
 - c) Connection oriented protocol
 - d) None of these
2. Which of the following HTML style element is not applicable for font _____
 - a) b
 - b) i
 - c) tt
 - d) s
3. What will be result of following javascript function

```
<script type="text/javascript">  
var name = "One";  
function DisplayName () {  
var name = "Two";  
document.write(name);  
}  
</script>
```

 - a) One
 - b) Two
 - c) Error
 - d) None of above
4. Which DOM level contains core and HTML modules along with several others, particular events and style?
 - a) DOM Level 1
 - b) DOM Level 0
 - c) DOM Level 2
 - d) Both a and b
5. What are the two methods of the XMLHttpRequest object to send a request to a server in AJAX?
 - a) Open () and Close()
 - b) Open() and Response()
 - c) Open() and Send()
 - d) Both a and b
6. An XSL formatter is an application that takes an _____ document as input and typically

produces as output a document in a printer-oriented format, such as the Adobe Portable Document Format (PDF)

- a) XSL-FO
 - b) XSL
 - c) XML
 - d) CSS
7. Which of the following supports the feature of custom tag libraries,
- a) ASP
 - b) JSP
 - c) JSF
 - d) All of these
8. Which of the following method is used for cookies?
- a) getLow
 - b) getTest
 - c) getCall
 - d) getDomain
9. ASP.NET comments begin with_____ and terminate with_____
- a) <%-- ,--%>
 - b) <*-- , --*>
 - c) < --,-- >
 - d) None of these
10. In Apache web server configuration file, the directory access setting starts with,
- a) Index
 - b) Directory
 - c) Permission
 - d) None of these

PART B (10 x 2 = 20 Marks)

- 11. List any four top level MIME content type with its purpose.
- 12. List four primary CSS text properties with its purpose.
- 13. Develop a JavaScript program to illustrate the use of objects as argument
- 14. List any eight HTML intrinsic event handling attributes.
- 15. Develop a HTML document that uses treeOutline function to display an element tree for the following.



16. How can X path be used to select XML data?
17. What is the purpose of Tag libraries?
18. What the steps to add port 8080 as an exception in windows firewall to use the local web server from remote computer.
19. Differentiate between get request and the post request type. When is it ideal to use the post request type?
20. What is the use of AutoEventWireup attribute in ASP.

PART C (5 x 14 = 70 Marks)

21. a) Briefly explain about the following web essentials.
Clients, Server, communication, Basic internet protocols, Web clients, Web servers and Markup language.

(OR)

- b) Develop a HTML webpage for user registration that implements three type of style sheets.

22. a) Develop a java script program to complement Binary search tree.

(OR)

- b) Briefly explain about DOM event handling with suitable examples.

23. a) (i) How will you represent web data using XML document and vocabularies? (7)
(ii) Explain about XML namespace with a suitable example. (7)

(OR)

b) Explain the process of template based transformations(XSLT) with suitable example.

24. a) Briefly explain about the JSF components with suitable examples.

(OR)

b) What is web service? How will you create, publish and consume a web service in Netbeans? Illustrate develop a web service in java for the following, To add two integers, to check boolean condition, to subtract two integer and finding bigger value.

25. a) (i) Explain the steps to configure IIS and Apache web server in windows OS. (7)

(ii) Explain an ASPX file structure with an example. What is the relationship between ASPX file and Code-Behind file? (7)

(OR)

b) Develop an ASPX file that presents a list of programming languages and implement session tracking concept by using cookies.
