

Total number of printed pages – 6

B. Tech
BCSE 3405

Seventh Semester Examination – 2007

INTERNET AND WEB TECHNOLOGY

Full Marks – 70

Time : 3 Hours

Answer Question No. 1 which is compulsory
and any **five** from the rest.

The figures in the right-hand margin
indicate marks.

1. Answer the following questions : 2×10

- (a) What are the different ways to get files or graphics onto a Web server so that they can be accessed through the Internet ?
- (b) What is the basic reason that "a web page looks good on one browser, but not on another" ?

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- (c) How to specify page breaks in HTML?
- (d) What is CGI ? Is it a script or a program ?
- (e) What is the difference between modal and modales form in VB ?
- (f) What is Querystring collection ?
- (g) What is wrong with Request.Server Variables ("HTTP_REFERER") ?
- (h) How do you test the URL of a Web-based application ?
- (i) What happens in a Web application when you enter all the data and click on submit button ?
- (j) What are JavaScript types ?
2. (a) Suppose that you are writing an applet, and you want the applet to respond in some way when the user clicks the mouse on the

applet. What are the four things you need to remember to put into the source code of your applet ? 4

(b) Write the patch of HTML code that supports the following functionality : 6

(i) Display the page to break out of frames ?

(ii) Change the page of two frames at once ?

(iii) Communicate between a popup window, and the window that opened it ?

3. (a) What is the method for returning more than one values from a function in VB ? Explain with example. 5

(b) What is Web architecture that are followed while doing online project and tell the samples of architecture ? 5

4. (a) How do you create a new object in JavaScript ? How do you assign object properties ? 5
- (b) Write HTML code to open the link in first frame in another frame. 5
5. (a) Explain how to Disable and/or uninstall all Internet Explorer Add-ons ? 5
- (b) Create an HTML document to display the following text in the title bar of the browser. "Welcome to the world of computers". 5
6. (a) Define the term event. Differentiate between the OnLoad and OnUnload events. 4
- (b) Create a VBScript program that could be used as part of a logon script to create a desktop icon. Activating this icon should cause the calculator program to run. The script should also set the key combination

- SHIFT+ALT+4 as a shortcut to start the calculator. 6
7. (a) How to use email validation in Java script ? Like User can't enter invalid email address ? Explain with suitable example. 5
- (b) Write a JavaScript program that computes the sum of odd values from 1 up to a maximum value provided by the user. Your program will read the maximum value by using the *prompt* function and it will display the result by using *document.write()*. You don't need to use meaningful variable names. 5
8. (a) The standard format for Web page graphics is GIF, although JPEG is also supported by the major browsers today. Explain the process of adding the pictures to web page.

(b) What are the major differences between static and dynamic HTML ?

(c) How to use the caches to make CGI scripts faster and more Net-friendly ?

(d) How to control the default filename when downloading a file via CGI ?

2.5×4

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