

Welcome to XYZ University of Science and Technology	
Home	Login
<u>Login</u>	User Name : <input type="text"/>
Department	Password : <input type="text"/>
	<input type="button" value="Login"/>

Welcome to XYZ University of Science and Technology	
Home	1. Computer Engineering
Login	<ul style="list-style-type: none"> • B.Tech • M.Tech
<u>Department</u>	2. Computer Applications
	<ul style="list-style-type: none"> • BCA • MCA

Note : when user click on home option in left pane, than it should open in right pane, similarly by clicking on login in the left pane, the login page should open in the right pane and the same goes for the department. The top pane is for the heading. (15)

Roll No.

Total Pages : 4

311401

May 2024

**BCA – IV SEMESTER
Web Designing (BCA-17-206)**

Time : 3 Hours]

[Max. Marks : 75

Instructions :

1. It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.
2. Answer any four questions from Part-B in detail.
3. Different sub-parts of a question are to be attempted adjacent to each other.

PART-A

1. (a) Explain SSH and how it is different from Telnet? (1.5)
- (b) Differentiate Web Server and Web Browser. (1.5)
- (c) What are the different components of a web? (1.5)
- (d) Explain ISP with an example. (1.5)
- (e) Which tag can be used to Design a page with an image of the block diagram of a computer. mapping each component as an area with specific coordinates which when clicked may give their detail? Explain the Syntax of the tag. (1.5)

- (f) Write the difference between HTML and DHTML. (1.5)
- (g) What is Storyboarding in Website Planning? (1.5)
- (h) Write HTML code to float the image on the webpage to the right and set its top, bottom, and left margins to create adequate space around it. (1.5)
- (i) How the id attribute is different from the class attribute in CSS? (1.5)
- (j) What are the void elements in HTML? Give the names of some of these tags. (1.5)

PART-B

2. (a) Explain the TCP/IP Model, its working, and the functions of each layer. (10)
- (b) What are the various search tools, explain with examples. (5)
3. (a) Explain Web hosting and its types. How to host a website? (10)
- (b) What is a website and how to design a website? (5)
4. (a) What is HTML? Explain its Structure. Prepare an HTML page to show various text formatting and page layout tags. (10)
- (b) Develop and demonstrate an HTML file that includes JavaScript to find the sum of n even natural numbers with the click of a button. (5)

5. (a) Write the HTML Code to generate the following table :

ID	Name	Subject	Marks
		Maths	80
1	David	Physics	90
		Computers	70
		Maths	80
2	Alex	Physics	70
		Computers	90

(10)

- (b) Explain CSS and the various ways CSS can be incorporated into HTML Code. Write code for the same. (5)

6. (a) Write a short note on HTTP, it's working with some examples. (5)
- (b) Explain TELNET with working. (5)
- (c) Write a short note on the URL and its components. (5)

7. Explain the concept of frames, forms, and lists in HTML. Write the code for the following template design :

Welcome to XYZ University of Science and Technology	
Home	This is a home page.
Login	
Department	