

WEB APPLICATION DEVELOPMENT

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	The values GET, POST, HEAD etc are specified in ____ of HTTP message a) Request line b) Header line c) Status line d) Entity body	K1	CO1
	2	Identify the correct order in which the following actions take place in an interaction between a web browser and a web server 1. The web browser requests a webpage using HTTP 2. The web browser establishes a TCP connection with the web server 3. The web server sends the requested webpage using HTTP 4. The web browser resolves the domain name using DNS a) 4,2,1,3 b) 1,2,3,4 c) 4,1,2,3 d) 2,4,1,3	K2	CO1
2	3	What is the correct syntax for referring to an external CSS? a) <link rel="stylesheet" type="text/css" href="mystyle.css"> b) <stylesheet rel="stylesheet" type="text/css" href="mystyle.css"> c) <style rel="stylesheet" type="text/css" href="mystyle.css"> d) All of the above	K1	CO2
	4	What is frame spacing attribute? a) It specifies the amount of space between two frames b) It specifies the amount of space needed between frame and a frameset c) It specifies the amount of space between frames in a frameset d) It specifies the amount of space between frames and the web browser	K2	CO2
3	5	The "new Point(3,2)", is a kind of ____ expression. a) Object Creation Expression b) Primary Expression c) Invocation Expression d) Constructor Calling Expression	K1	CO3
	6	Which one of the following is correct output for the following given JavaScript code: <p id="demo"></p> <script> functionourFunction() { document.getElementById("demo").innerHTML=Math.abs(-7.25); } </script> a) 7.25 b) -7.25 c) 25 d) -7	K2	CO3
4	7	Which of the following PHP functions can be used to get the current memory usage? a) memory_get_usage() b) memory_get_peak_usage() c) get_peak_usage() d) get_usage()	K1	CO4
	8	What will be the output of the following PHP code? <?php \$x = 10; \$y = 20; if (\$x > \$y && 1 1) print " PHP " ; else print "Welcome Home"; ?> a) no output b) Welcome Home c) PHP d) error	K2	CO4
5	9	Which command is used to access a MySQL database via command line? a) mysql -u user -p b) ssh database c) connect to mysql d) open mysql	K1	CO5
	10	What is the purpose of the XMLHttpRequest object in AJAX? a) To send HTTP requests to the server and receive responses b) To render XML data received from the server c) To update the HTML content of a web page d) To validate user input in a form	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain the web server architecture and working principles with neat diagram.	K2	CO1
	(OR)			
	11.b.	Elaborate the basic characteristics of HTTP. List and explain the methods available in HTTP with example.		
2	12.a.	Describe about Bootstrap grid system and its working with an example.	K3	CO2
	(OR)			
	12.b.	Explore frames and framesets and explain how to create vertical and horizontal columns with coding example?		
3	13.a.	Identify two basic ways to register event handlers? Explain them with code examples.	K3	CO3
	(OR)			
	13.b.	Examine looping statements. List and explain special looping methods defined by the Array class.		
4	14.a.	Determine how to read data from web form control like Check boxes and explain with coding an example.	K5	CO4
	(OR)			
	14.b.	Compare the three types of arrays in PHP? Explain the situations when we can use them with coding examples.		
5	15.a.	Differentiate between web server and Data base server. Assume you have created a website for your foodcourt, explain the process of hosting your site.	K5	CO5
	(OR)			
	15.b.	Evaluate different types of tables in MySQL and Explain the steps of Database connectivity of PHP and MySQL		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

(3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	What is WWW? Explain the role of HTML,HTTP,CGI and web browsers in WWW.	K1	CO1
2	17	Illustrate on the follwoing (i)Lists in HTML with code example. (ii)Anchor tag with its attributes with code example	K3	CO2
3	18	Build the five ways to invoke JavaScript functions? Explain with code example, analyse the situations when we can use them?	K3	CO3
4	19	Explain all predefined functions available to work on regular expressions with coding examples.	K5	CO4
5	20	Summarize about domains. List some generic top level domain names. Explain the domain registrations process with an example.	K5	CO5

Z-Z-Z

END