USN | | | | | | | | 22MCA24

Second Semester MCA Degree Examination, Dec.2024/Jan.2025
Web Technologies

Time: 3 hrs.   Max. Marks: 100

Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
2. M : Marks , L: Bloom's level , C: Course outcomes.

		Module – 1	M	L	C
Q.1	a.	Explain HTTP protocol in detail.	10	L2	CO4
	b.	Explain the following : (i) URL (ii) Browser (iii) MIME (iv) Web Server (v) Internet/web.	10	L2	CO4
		OR			
Q.2	a.	With appropriate XHTML tags, create a registration form which contains labels, textboxes, checkboxes, radi buttons, submit and reset buttons.	12	L3	CO2
	b.	Explain the following with example (i) Heading tag (ii) Hypertext Link (iii) Image tag (iv) List tag.	8	L3	CO2
		Module – 2			
Q.3	a.	What is CSS? Explain the different levels of CSS with example.	10	L2	CO2
	b.	Explain any 5 array methods used in Javascript.	10	L2	CO2
		OR			
Q.4	a.	List and explain different selector in CSS with suitable example.	10	L1,2	CO2
	b.	What are the different ways of accessing XHTML document elements in Javascript? Explain any two.	10	L1	CO2
		Module – 3			
Q.5	a.	What is Bootstrap? What are the advantages of Bootstrap? Give an example for basic HTML template by using Bootstrap.	10	L2	CO4
	b.	Explain the Grid system in Bootstrap with example.	10	L2	CO4
		OR			
Q.6	a.	Explain various types of forms in Bootstrap. Explain their use with code snippet.	10	L2	CO4
	b.	Explain with an example, the Bootstrap "Button classes" for different styles of Button in Bootstrap CSS.	10	L2	CO4

		Module – 4	M	L	C
Q.7	a.	What is the need of JQuery? Give the standard synax of JQuery and explain with an example.	10	L2	CO5
	b.	Develop programs to implement the following Jquery effects : (i) hide( ) and show( ) (ii) fadeIn( ) and fadeOut( )	10	L2	CO5
		OR			
Q.8	a.	What are the Events? Explain any 5 JQuery methods to handle events.	10	L2	CO5
	b.	Write a short note on : (i) JQuery HTML (ii) JQuery CSS.	10	L2	CO5
		Module – 5			
Q.9	a.	Define AngularJS. What are the features of AngularJS? Give the advantages of using AngularJS.	10	L2	CO5
	b.	Explain AngularJS controller with example.	10	L2	CO5
		OR			
Q.10	a.	What are AngularJS directives? Explain varities of directives used in AngularJS with example.	10	L2	CO5
	b.	What are AngularJS filters? Write a AngularJS program to show how you can add filters to expressions.	10	L3	CO5

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