



## Second Semester MCA Degree Examination, June/July 2025

### Web Technologies

Max. Marks: 100

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

Module – 1			M	L	C
Q.1	a.	What are the two phases of HTTP? Explain each of them in detail.	8	L2	CO1
	b.	Explain different ways to include CSS style information in html with snippet code.	12	L3	CO1
OR					
Q.2	a.	Mention any 4 CSS selectors and explain its usage with example.	10	L2	CO1
	b.	Write a HTML program to describe a table with the rows, cols, rowspan and colspan attributes.	10	L3	CO1
Module – 2					
Q.3	a.	What is a web server? Explain its operations and characteristics.	10	L2	CO2
	b.	List all the Data types in Javascript and explain any 4 primitive data types with examples.	10	L2	CO2
OR					
Q.4	a.	Explain different looping control structures in Javascript with Snippet code.	10	L3	CO2
	b.	Demonstrate a XHTML file that includes Javascript for the following problems : (i) Input a number and find Fibonacci of it and display output. (ii) Print a table of numbers from 1 to n and their square.	10	L3	CO2
Module – 3					
Q.5	a.	Describe Bootstrap file structure with a neat diagram. Give an example for basic HTML template using Bootstrap.	10	L2	CO3
	b.	Explain 3 different types of forms in bootstrap. Illustrate a simple inline form to create login form as shown below : <div style="display: flex; align-items: center; gap: 10px; margin-top: 5px;"> <input type="text" value="Email"/> <input type="password" value="Password"/> <input type="checkbox"/> Remember me                 <input type="button" value="Sign"/> </div>	10	L3	CO3
OR					
Q.6	a.	Explain in detail Default Grid system and Fluid Grid System in bootstrap.	10	L2	CO3
	b.	Discuss Tables along with 4 basic table classes in bootstrap, with snippet code for any two.	10	L2	CO3
Module – 4					
Q.7	a.	What is JQuery? Explain JQuery syntax with an example.	4	L2	CO4
	b.	Explain selectors in JQuery, with snippet code. Illustrate any two selectors.	10	L3	CO4
	c.	Explain fade out and fade in effects in JQuery.	6	L2	CO4



OR

Q.8	a.	Discuss all JQuery CSS classes with example.	10	L2	CO4
	b.	Explain in details different types of events supported in JQuery.	10	L2	CO4

Module – 5

Q.9	a.	Explain advantages of Angular JS.	4	L2	CO5
	b.	List and explain any 4 filters available in Angular JS giving its tags.	8	L2	CO5
	c.	Explain the following services using Snippet cod : (i) Slocation service. (ii) Shttp service.	8	L2	CO5

OR

Q.10	a.	Discuss any 4 Built in Angular JS Directives with syntax.	10	L2	CO5
	b.	What are the different ways to write expressions in Angular JS? Explain any 4 with examples.	10	L2	CO5

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