



Even Semester End Term Examination, May / June 2026

Date: 27/05/2026

Time: 09.30 AM - 12.30 PM

Course Code: DBS2018

Course Name: Web Design and Development

Semester: Second Semester

Max. Marks: 100

Weightage: 50%

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	36	46	26	36	36

Part A: Answer Following Questions. 20 M

Qn.No	Questions	M	CO	BT
1	List any two golden rules followed in web designing.	2	CO1	BT2
2	Explain why selecting an appropriate domain name is essential in web designing.	2	CO1	BT2
3	List any two primary components that constitute a typical website.	2	CO2	BT2
4	What is the difference between a static website and a dynamic website?	2	CO2	BT2
5	Describe HTML and its contribution to web page creation.	2	CO3	BT2
6	Discuss the role played by CSS and JavaScript in web designing and development.	2	CO3	BT2
7	Explain what Progressive Web Apps (PWAs) are.	2	CO4	BT2
8	Identify two current challenges in cyber law associated with web hosting.	2	CO4	BT2
9	Describe CMS and the use of WordPress for website creation.	2	CO5	BT3
10	Mention the steps involved in developing a website using WordPress.	2	CO5	BT3

Part B: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
11.a	Elaborate on the core principles of website development.	6	CO1	BT2
11.b	Describe the website hosting process and the interaction between	10	CO1	BT3

	server and website.			
12.a	Discuss the significance of navigation bar design and home page layout.	6	CO1	BT2
12.b	Describe the various steps for publishing and promoting a website.	10	CO1	BT3

Part C: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
13.a	Describe the various components of an e-commerce website.	6	CO2	BT2
13.b	Discuss the features for managing inventory and sales on e-commerce platforms.	10	CO2	BT2
14.a	Detail the main elements comprising a website.	6	CO2	BT3
14.b	Describe the importance of having a website for conducting e-commerce.	10	CO2	BT3

Part D: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
15.a	Discuss the technologies used in designing and developing websites.	6	CO3	BT2
15.b	Discuss the process of database integration in websites using SQL.	10	CO2	BT3
16.a	What is the significance of JQuery in designing interactive websites?	6	CO3	BT2
16.b	Describe the process of testing websites and validating them using W3C guidelines.	10	CO3	BT3

Part E: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
17.a	Discuss new technologies including PWAs, serverless development, and mobile web development.	6	CO4	BT2
17.b	Analyze current issues in cyber law concerning web hosting services.	10	CO4	BT3
18.a	What are static websites and how does serverless development work?	6	CO4	BT2
18.b	Describe methods of website promotion and the use of web analytics.	10	CO4	BT3

Part F: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
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19.a	Discuss the basic elements in WordPress like settings, categories, posts, and pages.	6	CO5	BT2
19.b	Discuss designing an interactive website in WordPress including plugins, appearance customization, and security measures.	10	CO5	BT3
20.a	Discuss WordPress elements including media, tags, links, comments, and users.	6	CO5	BT3
20.b	Explain how to develop and launch a website using WordPress with emphasis on advanced features and supporting resources.	10	CO5	BT3