

National Institute of Technology, Delhi

Name of the Examination: B.Tech./M.Tech/MCA/Ph.D.

Mid Semester Examination (Spring, February-2026)

Branch : ...CSE.....

Semester :VI.....

Title of the Course : ...Theory of App Development.....

Course Code : ...CSBB 352.....

Time: 1.5 Hour

Maximum Marks: 25

Note: Read Instructions carefully.

COURSE OUTCOMES		COGNITIVE LEVELS
CO1	Demonstrate understanding of the fundamentals of android environment.	L2
CO2	Develop user interface and database for better user experience and efficient data access.	L3
CO3	Applying development techniques for best user interface and experience in the android application.	L4
CO4	Applying suitable connectivity controls to the android application.	L4

(Answer any 5 questions)

Section-A (1x 5 = 5 Marks) (MCQ/Fill in the blanks/one line /one-word questions/statements etc.)

Qs. No.	Question	CO	BL	PO
1.	Observe that when you connect to busy Web sites such as Yahoo or Hotmail, the IP address of that site keeps changing. Investigate why this is the case.	1		1
2.	Why is IP called the best-effort delivery protocol?	1		1
3.	How does a Web browser work?	1		2
4.	Why is the job of search engines not easy?	2		2
5.	What are the various kinds of functions in JavaScript?	2		3
6.	What are the key usages of JavaScript?	2		2
7.	Describe the steps involved when a Web browser requests for and obtains a Web page from a Web Server.	1		2

(Answer any 4 questions)

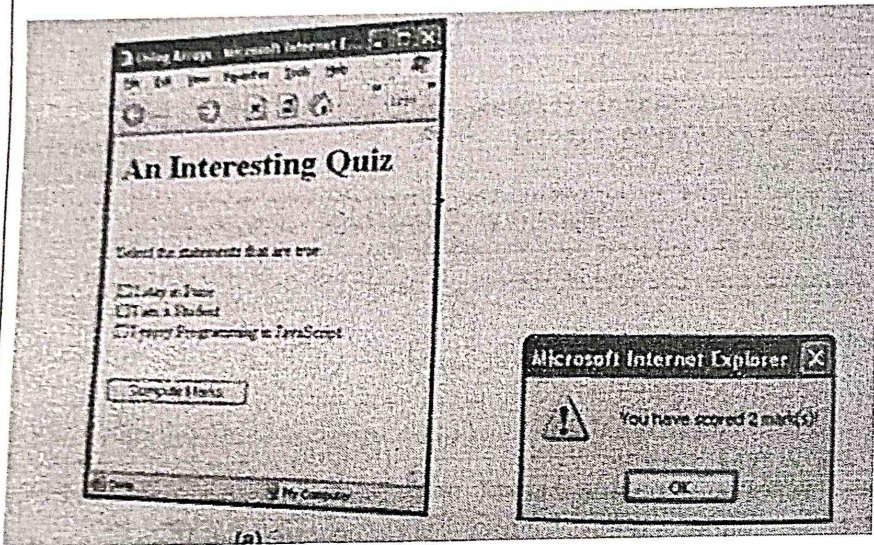
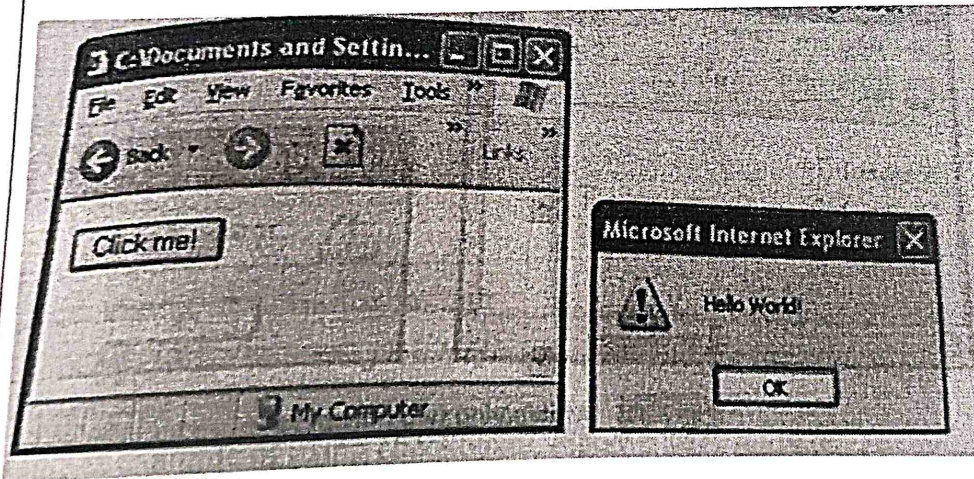
Section-B (2.5 x 4 = 10 Marks) (Short Questions)

Qs. No.	Question	CO	BL	PO
8.	What is the difference between Client-side scripting and Server-side scripting?	1		1
9.	Define the DOM (Document Object Model) in the context of JavaScript	1		2
10.	How can you include external JavaScript code in an HTML file? Write the syntax.	2		1

11.	Explain the difference between <i>var</i> , <i>let</i> , and <i>const</i> keywords in JavaScript.	2		2
12.	Write an HTML page and also provide a JavaScript for accepting a user ID and password from the user to ensure that the input is not empty.	1		2
13.	Write the HTML code for a submit button.	1		1

(Answer all questions)

Section-C (5 x 2 = 10 Marks)
(Long Questions)

Qs. No.	Question	CO	BL	PO
14.	Create using JavaScript /HTML/Python/CPP language for making page: 	2		3
15.	Create using JavaScript/HTML/Python/CPP language for making page: 	1		2

*****All the very Best*****