

G H RAISONI COLLEGE OF ENGINEERING AND MANAGEMENT, PUNE

DEPARTMENT OF AI & AIML

QUESTION BANK FOR CAE 1

SUBJECT: Web Application Security

Class: TY (AIML A/B)

Sr no	Questions	Unit	BL	CO
1	Write a HTML code to display form with text fields, check boxes and radio buttons, password field and submit button	1	1	2
2	Write and explain table tags in HTML a) Cell Padding and Spacing b) Borders c)Formatting content in Table cells d)Nested Tables	1	1	2
3	State and explain CSS selectors with suitable example	1	2	1
4	What are different types of CSS? Explain with example	1	1	1
5	Explain WWW Vs Internet	1	2	1
6	Explain HTML heading tags with syntax	1	1	1
7	Write the HTML code with example to explain internal and external CSS.	1	2	2
8	Explain the HTTP request and HTTP response model in brief	1	2	1
9	What is use of static & dynamic web page? Enlist applications of static & dynamic web page	1	1	1
10	What are the strengths of XML technology?And also list limitations of XML	1	2	1
11	Explain XML with respect to structure, declaration syntax, namespace.	1	2	1

12	Define Components of WWW	1	3	1
13	Explain about Client-server architecture.	1	2	1
14	What is the difference between HTTP and HTTPS? Why is HTTPS more secure than HTTP?	1	2	1
15	What is a URL (Uniform Resource Locator)? What are the different parts of a URL?	1	1	1
16	Explain the purpose of HTTP (Hypertext Transfer Protocol) in web communication.	1	2	1
17	Describe the role of TCP (Transmission Control Protocol) in ensuring reliable data transmission over the web.	1	2	1
18	What is a hyperlink in HTML? Explain the basic structure and purpose of a hyperlink.	1	2	1
19	Explain the basic concept of client-server architecture. How do clients and servers interact in this model?	1	2	1
20	Describe the difference between XML and HTML. How is XML used to represent data?	1	3	1
21	Explain operators, functions and arrays in JavaScript with suitable examples.	2	1	1
22	Explain Alert, Confirmation and Prompt box in JavaScript.	2	2	1
23	Explain the concept of Document Object Model	2	2	1

24	Explain the advantages of jQuery. Explain jQuery syntax with example.	2	2	1
25	Write the JavaScript code for name, email and mobile number validation in registration form	2	3	2
26	Explain the following document object properties with proper syntax. Give one example. document.getElementById() document.getElementsByClassName() document.getElementsByName()	2	2	2
27	Explain how to include JavaScript in an HTML document	2	2	1
28	What is the difference between getElementById() and getElementsByClassName()? Explain with examples.	2	1	1
29	What is jQuery? Explain how to include jQuery in an HTML page and provide an example of its usage.	2	1	1
30	What are the different DOM levels (DOM Level 1, Level 2, Level 3)? How do they represent the evolution of the DOM specification?	2	3	1
31	What are control structures in JavaScript? Explain how if, else, and switch statements work.	2	3	1
32	Explain the difference between internal and external JavaScript. When would you use one over the other?	2	2	1
33	How do you handle JavaScript events in HTML? Provide an example of using the onclick event attribute in an HTML tag.	2	3	1
34	What is an event in jQuery, and how do you attach event handlers to elements?	2	2	1

35	What does the \$(document).ready() function do in jQuery? Why is it important to use it when writing jQuery code?	2	2	1
36	How can you verify that jQuery is loaded correctly on a webpage? Provide an example of a simple jQuery command to test.	2	3	1
37	What are the advantages of client-server architecture over traditional mainframe computing?	2	2	1
38	What are the main differences between client-server and peer-to-peer architectures?	2	2	1
39	What are the main advantages of using the DOM for dynamic web content manipulation?	2	2	1
40	What is the getElementByTagName() method? How does it select elements by their tag name?	2	2	1

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SUBJECT INCHARGE	HOD