GHRCEM WAGHOLI, PUNE

DEPARTMENT OF AI & AIML

QUESTION BANK FOR CAE 3

SUBJECT: Web Application Security (UCAML 308A)Class: TY AIML A/B

Sr no	Question	Unit	BL	CO
1	Write a HTML code to display form with text fields, checkboxes and radio buttons, password field and submit button	1	3	1
2	Write and explain table tags in HTML with suitable example	1	3	1
3	State and explain CSS selectors with suitable example	1	3	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	2	1
7	Write the HTML code with examples to explain internal and external CSS.	1	3	1
8	Explain the HTTP request and HTTP response model in brief	1	2	1

9	Explain the basic structure of HTML	1	2	1
10	Explain the following a)Cell padding & spacing b) Borders c) Formatting content in table cells d) Nested Tables	1	2	1
11	What is server-side technology? Explain its role in web development.	3	2	3
12	Define a Servlet. How does it handle client requests and provide responses?	3	1	3
13	Explain the Servlet Life cycle with a diagram.	3	2	3
14	What is Tomcat? Describe its features and role in hosting Java-based web applications.	3	1	3
15	List the advantages of using JSP over Servlets.	3	1	3
16	Explain the working of JSP with a diagram	3	2	3
17	What is PHP? Explain its role in web development and its primary features.	3	1	3

18	Explain Life Cycle of JSP	3	2	3
19	Write a Servlet Program which accepts two numbers using the POST method and displays the maximum number.	3	1	3
20	What is the need for Servlets in web applications? Explain their advantages.	3	1	3
21	List any five common threats to web applications.	5	1	4
22	What is a Web Application Firewall (WAF)? Mention two functions of WAF.	5	1	4
23	What is web security testing? Why is it necessary before deploying a web application?	5	1	4
24	Describe the difference between authentication and authorization in web apps.	5	2	4
25	What is penetration testing? How is it different from vulnerability scanning?	5	1	4
26	Differentiate between a traditional firewall and a Web Application Firewall (WAF).	5	4	4

27	Mention five key features or areas to be reviewed during a web application security test.	5	1	4
28	What is the role of input validation in web application security?	5	1	4
29	Explain any three network or web security solutions used to protect web applications.	5	2	4
30	Why is web security important ?What are the different types of security tests	5	1	4

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SUBJECT INCHARGE	**HOD**