

G H Raisoni College of Engineering & Management, Pune
(An Autonomous Institute affiliated to SP Pune University)

TY Year B. Tech (AIML)/CAE-I/Semester VI/2024-25

Web Application Security (UAML308A)

Duration: 1 Hr

Maximum Marks: 15

Instructions to the Candidates:

- i. Attempt Q.1 or Q.2 & Q.3 or Q.4
- ii. Figures to the right indicate full marks
- iii. **BL** indicates **Bloom's Taxonomy level**; **CO** indicates **Course Outcome** & **PO** indicates **Program Outcome (PO)**
- iv. Use of non-programmable calculator is permitted.
- v. Diagrams / sketches should be given wherever necessary.
- vi. Assume suitable data wherever necessary and state the assumptions made.

Marks BL CO PO

- Q.1** **A** What are the different types of CSS? Explain with Example **[04]** **L2** **1** **1**
- B** Write the HTML Code to display form with text field, checkboxes and radio buttons, password fields and submit button **[04]** **L1** **1** **2**

OR

- Q.2** **A** Write and explain table tags in HTML
- a)Cell padding and Spacing
- b)Borders **[04]** **L4** **1** **1**
- c)Formatting Content in Table cells
- B** Define WWW vs Internet **[04]** **L4** **1** **2**
- Q.3** **A** Explain the Concept of Document Object Model. **[04]** **L2** **2** **1**
- B** Write a JavaScript code for name, email and mobile number validation in registration form. **[03]** **L4** **2** **2**

OR

- Q.4** **A** What is JQuery? Explain how to include JQuery in HTML Page **[04]** **L4** **2** **1**
- B** Explain how to include Javascript code in a html document **[03]** **L1** **2** **2**

[Total No. of Question - 2]

[Total No. of Pages - 1]



G H Raisoni College of Engineering and Management, Pune

(An Empowered Autonomous Institute affiliated to Savitribai Phule, Pune University, NAAC Accredited "A+" Grade)

T.Y B.TECH (AI & AIML)

(TERM-VI)

CAE-II- SUMMER 2025 (2020Pattern)

Web Application Security (UCAML308A)

(Time: - 01 Hour)

(Max. Marks: 15)

Instructions to the students:

- i) All questions are compulsory. ii) Neat diagrams must be drawn wherever necessary.
iii) Figures to the right indicate full marks. iv) Use of scientific calculator is allowed
Assume suitable data, if necessary.

v)

Q.No	Question	Marks	CO	BL
Q1.(a)	Explain the Servlet Lifecycle with a diagram.	[4]	CO3	L2
b)	List the advantages of using JSP over Servlets	[4]	CO3	L1
OR				
Q2.(a)	Explain the working of JSP with a diagram	[4]	CO3	L2
(b)	What is Tomcat ? Describe its features and role in hosting Java based application.	[4]	CO3	L1
Q3.(a)	What is Injection Vulnerability? Explain how SQL injection works?	[4]	CO4	L1
(b)	Explain how to prevent Cross-site scripting.	[3]	CO4	L2
OR				
Q4.(a)	What is Insecure Cryptographic storage? Explain how it can affect the confidentiality of sensitive data	[4]	CO4	L1
(b)	How can Insecure Direct Object Reference (IDOR) be prevented in web applications	[3]	CO4	L1

- BL - Bloom's Taxonomy Levels (1- Remember, 2- Understand, 3 - Apply, 4 - Analyze, 5 - Evaluate, 6 - Create)
- CO- Course Outcomes

[Total No. of Question - 04]

[Total No. of Pages - 02]



G H Raisoni College of Engineering and Management, Pune
(An Empowered Autonomous Institute affiliated to Savitribai Phule, Pune University, NAAC Accredited "A+" Grad

T. Y B. TECH (AI)

(TERM- VI)

CAE III- SUMMER 2025 (2020 Pattern)

Web Application Security (UCAML308A)

(Time: - 01 Hour)

(Max. Marks: 15)

Instructions to the students:

- i) All questions are compulsory. ii) Neat diagrams must be drawn wherever necessary.
iii) Figures to the right indicate full marks. iv) Use of scientific calculator is allowed
v) Assume suitable data, if necessary.

Q. No	Question	Marks	CO	BI
Q1.(a)	Explain the following i) Cell padding and Spacing ii) Formatting Content in table cells	[3]	CO1	L2
b)	Define the Servlet life cycle with example	[4]	CO3	L1
OR				
Q 2.(a)	What are the different types of CSS selectors? Explain with example	[3]	CO1	L1
(b)	Illustrate about Tomcat and mention its features.	[4]	CO3	L3
Q 3.(a)	Define Web Application Firewall (WAF) in detail.	[4]	CO4	L2
(b)	Why is web security important? What are the different types of security tests?	[4]	CO4	L1
OR				
Q. 4 (a)	Discuss any five critical security practices and their significance.	[4]	CO4	L2
(b)	Define the difference between authentication and authorization in web applications.	[4]	CO4	L2

- BL - Bloom's Taxonomy Levels (1- Remember, 2- Understand, 3 - Apply, 4 - Analyze, 5 - Evaluate, 6 - Create)
- CO- Course Outcomes