

UNIT-IV

**Part – A (Short Answer Questions)**

<b>S.No</b>	<b>Questions</b>	<b>BT</b>	<b>CO</b>	<b>PO</b>
1	What is SSL?	L1	CO4	<b>PO2</b>
2	Expand TLS.	L1	CO4	<b>PO3</b>
3	Define HTTPS.	L1	CO4	<b>PO2</b>
4	What is SSH?	L1	CO4	<b>PO3</b>
5	What is transport-level security?	L1	CO4	<b>PO1</b>
6	Define wireless security.	L1	CO4	<b>PO3</b>
7	What is IEEE 802.11?	L1	CO4	<b>PO3</b>
8	What is WPA2?	L1	CO4	<b>PO4</b>
9	Define firewall.	L1	CO4	<b>PO2</b>
10	What is mobile device security?	L1	CO4	<b>PO3</b>

**Part – B (Long Answer Questions)**

1	Explain SSL and TLS protocols with architecture.	L2	CO4	<b>PO3</b>
2	Describe the working of Secure Socket Layer (SSL).	L3	CO4	<b>PO3</b>
3	Explain transport-level security mechanisms.	L2	CO4	<b>PO5</b>
4	Discuss wireless network security and IEEE 802.11 security standards.	L3	CO4	<b>PO3</b>
5	Explain firewalls and mobile device security.	L3	CO4	<b>PO5</b>
6	Explain session management and authentication mechanisms in TLS.	L2	CO4	<b>PO2</b>
7	Discuss modern web security challenges and solutions.	L3	CO4	<b>PO5</b>
8	Explain WEP protocol and its vulnerabilities.	L3	CO4	<b>PO3</b>
9	Explain HTTPS protocol architecture and secure web communication.	L2	CO4	<b>PO2</b>
10	Analyze the security features provided by SSL/TLS protocols.	L2	CO4	<b>PO2</b>