

UNIT-V

**Part – A (Short Answer Questions)**

<b>S.No</b>	<b>Questions</b>	<b>BT</b>	<b>CO</b>	<b>PO</b>
1	What is PGP?	L1	CO5	<b>PO2</b>
2	Expand S/MIME.	L1	CO5	<b>PO3</b>
3	Define IP Security (IPSec).	L2	CO5	<b>PO5</b>
4	What is AH in IPSec?	L2	CO5	<b>PO2</b>
5	What is ESP in IPSec?	L2	CO5	<b>PO3</b>
6	Define virtual private network (VPN).	L1	CO5	<b>PO4</b>
7	What is Internet Key Exchange (IKE)?	L1	CO5	<b>PO3</b>
8	Define cross-site scripting (XSS).	L1	CO5	<b>PO4</b>
9	What is secure electronic transaction?	L2	CO5	<b>PO3</b>
10	Define digital payment security.	L1	CO5	<b>PO5</b>

**Part – B (Long Answer Questions)**

1	Explain PGP and S/MIME in secure e-mail systems.	L2	CO5	<b>PO5</b>
2	Describe IPSec architecture and its components.	L2	CO5	<b>PO3</b>
3	Explain Authentication Header (AH) and Encapsulating Security Payload (ESP).	L2	CO5	<b>PO5</b>
4	Discuss VPN architecture and Internet Key Exchange (IKE).	L2	CO5	<b>PO3</b>
5	Explain web security threats and secure electronic transactions.	L2	CO5	<b>PO5</b>
6	Analyze security issues in mobile computing and wireless communication systems.	L2	CO5	<b>PO4</b>
7	Explain WEP protocol and its vulnerabilities.	L2	CO5	<b>PO2</b>
8	Compare WEP, WPA, and WPA2 security protocols.	L2	CO5	<b>PO3</b>
9	Explain authentication and access control mechanisms in wireless networks.	L2	CO5	<b>PO2</b>
10	Discuss emerging trends and future challenges in wireless and mobile security.	L2	CO5	<b>PO5</b>