Department of CSE

Subject Name: CRYPTOGRAPHY AND NETWORK SECURITY Subject Code: BCS703

SEM :7TH DIV: A/B ACADEMIC YEAR: 2026-2027

Faculty - SHWETA SINGH

Module-5

SL#	Question	CO	Level	Marks
1	Explain DomainKeys Identified Mail (DKIM) and its working with a neat diagram.	CO5	L2	**10**
2	Discuss the advantages and applications of DomainKeys Identified Mail (DKIM).	CO5	L2	**5**
3	Explain the IP Security (IPSec) architecture and its objectives.	CO5	L2	**5**
4	Explain the security services provided by IPSec.	CO5	L2	**10**
5	Explain the IPSec Security Policy and its components.	CO5	L2	**5**
6	Explain the Encapsulating Security Payload (ESP) protocol with a neat diagram.	CO5	L2	**10**
7	Discuss the services provided by the Encapsulating Security Payload (ESP) protocol.	CO5	L2	**10**
8	Explain Security Associations (SA) in IPSec.	CO5	L2	**10**
9	Explain the process of combining Security Associations in IPSec.	CO5	L2	**10**
10	Explain the Internet Key Exchange (IKE) protocol and its objectives.	CO5	L2	**5**
11	Explain the phases of the Internet Key Exchange (IKE) protocol.	CO5	L2	**10**
12	Compare Authentication Header (AH) and Encapsulating Security Payload (ESP).	CO5	L2	**10**

Faculty Signature