

COER University

END SEMESTER EXAMINATION, EVEN SEMESTER, 2023-24

Time : 3 hour Semester : IV Total Marks : 100
 Program Name : B.Tech Branch/ Specialization : EEE, CE, & ME
 Course Code : UVC003 Course Name : Cyber Security

Note: All questions are compulsory. No student is allowed to leave the examination hall before the completion of the time.

Q.No 1	Attempt Any Four Parts. Each Question Carries 5 Marks.	CO	BL
(a)	Explain the cyberspace in the context of cyber security.	CO1	2
(b)	Describe the role of Internet Society in the context of cyber security.	CO1	2
(c)	Define the term cyber security and why is it important in today's digital age.	CO1	2
(d)	Discuss the issue and challenges, which are associated with cyber security.	CO1	2
(e)	Describe the cyber security architecture framework with suitable diagram.	CO1	2

Q.No 2	Attempt Any Four Parts. Each Question Carries 5 Marks.	CO	BL
(a)	Differentiate between cyber-dependent and cyber-enabled crimes in cyber security.	CO2	3
(b)	Demonstrate the concept of malware and how does it differ from other types of cyber threats.	CO2	2
(c)	Define the term financial fraud and how does it differ from other types of frauds.	CO2	2
(d)	Describe the key objectives and provisions of the IT Act of 2000.	CO2	2
(e)	Explain the mobile-based cybercrimes and how do they differ from traditional Cyber crimes.	CO2	2

Q.No 3	Attempt Any Four Parts. Each Question Carries 5 Marks.	CO	BL
(a)	Describe the different types of social media platforms.	CO3	2
(b)	Define the role of social media in influencing elections and public opinion.	CO3	2
(c)	Compare the tools which are used for social media monitoring	CO3	3
(d)	Explain best practices for creating and using hashtags effectively on various social Media platforms.	CO3	2
(e)	Discuss the concept of social media privacy and why is it important for users to protect their personal information on social networking platforms.	CO3	2

Q.No 4	Attempt Any Two Parts. Each Question Carries 10 Marks.	CO	BL
(a)	Describe the e-commerce security term and why it is essential for online businesses and consumers.	CO4	2
(b)	Briefly explain the technologies and security measures which are used to protect sensitive information and secure transactions in digital payment systems.	CO4	2
(c)	Give the RBI's guidelines on cyber security, risk management and compliance requirements for ensuring the safety, integrity, and reliability of digital payment systems.	CO4	3

Q.No 5	Attempt Any Two Parts. Each Question Carries 10 Marks.	CO	BL
(a)	Describe the security management in the context of cyber security and why is it Essential for protecting organizational assets and sensitive information.	CO5	2
(b)	Discuss the challenges and considerations in managing and maintaining in firewall configurations.	CO5	2
(c)	Describe the common security vulnerabilities and risks associated with Wi-Fi networks.	CO5	2

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