

THE KAVERY ENGINEERING COLLEGE*(An Autonomous Institution)***M.E DEGREE END SEMESTER THEORY EXAMINATIONS, NOV /DEC 2024***Third Semester**Computer Science and Engineering***CP4391–Security Practices***Regulations - 2021**Duration : 3 Hrs**Maximum : 100 Marks***PART – A (ANSWER ALL QUESTIONS) (Marks 10*2=20)**

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
1.	Explain security attacks with types.	UN	1	2
2.	How will you identify the presence of an intruder?	RE	1	2
3.	What are parameters to be considered for providing internet security?	RE	2	2
4.	Explain the issues in mobile security.	UN	2	2
5.	State the necessity of information security.	RE	3	2
6.	How intrusion can be eradicated?	RE	3	2
7.	What covers under cyber forensics?	RE	4	2
8.	What do you mean by mobile forensics?	RE	4	2
9.	If there any conflict in security policies how will you resolve.	RE	5	2
10.	What are your actions if risks are beyond manageable?	RE	5	2

PART – B (ANSWER ALL QUESTIONS) (Marks 5*13 = 65)

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
11.	a Experiment intrusion detection system with its behavior and responsibilities. Also explain its prevention features.	AP	1	13
	Or			
	b Conduct a study on OWASP.	AP	1	13
12.	a Identify the requirements of wireless network security. Justify.	AP	2	13
	Or			
	b Experiment the features required for wireless IOT security.	AP	2	13
13.	a Develop a security management system with the necessary features required.	AP	3	13
	Or			
	b Develop a logic for online user management system. How identities are checked? What is the scope for 100% guarantee in identification?	AP	3	13
14.	a Perform a study on the following			
	i. Network forensics	AP	4	7
	ii. Email forensics	AP	4	6
	Or			
	b Conduct a study on how security is provided for cloud based systems.	AP	4	13

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|-----|---|---|----|---|----|
| 15. | a | Explain how personal privacy policies are devised and how privacy enhancing techniques are developed? | UN | 5 | 13 |
| | | Or | | | |
| | b | Illustrate the causes and requirement of security in storage area network. How the security mechanisms are developed? Illustrate. | UN | 5 | 13 |

*PART – C (Marks 1*15 = 15)*

<i>Q.No</i>		<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
16.	a	Analyze the features of Metasploit testing tool.	AN	3	15
		Or			
	b	Analyze the features of DVWA with examples.	AN	4	15