Standard Template for Academic Tasks (22231)

LOVELY PROFESSIONAL UNIVERSITY
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Academic Task Number: 2

Date of allotment: 08/09/2022

Date of submission: 19/09/2022

Academic Task Type: Practical

Course code: CAP 791

Course title: Securing Network and IT Infrastructure - Laboratory

Maximum Marks: 50

SET A

Question Number	Question Statement	Course Outcome	Bloom's level	Marks per Question
Q1	A hacker is trying to inject a malicious SQL query in www.dvwa.com and he did that successfully. How can an attacker perform the same? What vulnerabilities can be exposed by an SQL injection attack of www.dvwa.com?	CO2	L4: Analyze	10
Q2	Sakshi creates a phishing page at www.overthewire.org. Explain the complete procedure to perform the same. Find out and explain the vulnerabilities of www.overthewire.org.	CO2	L4: Analyze	10
Q3	Anu has encrypted plain text using Hill cipher. • Plain text: SECRET • Key: Hill What cipher text Anu will get for the same? Explain the procedure to decipher the same.	CO3	L3: Apply	10
	Viva			20

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SET B

Question Number	Question Statement	Course Outcome	Bloom's level	Marks per Question
Q1	A hacker is trying to inject a malicious SQL query in www.dvwa.com and he did that successfully. How can an attacker perform the same? What vulnerabilities can be exposed by an SQL injection attack of www.dvwa.com?	CO2	L4: Analyze	10
Q2	Sakshi creates a phishing page at www.overthewire.org. Explain the complete procedure to perform the same. Find out and explain the vulnerabilities of www.overthewire.org.	CO2	L4: Analyze	10
Q3	Anu has encrypted plain text using Hill cipher. • Plain text: SECRET • Key: Hill What cipher text Anu will get for the same? Explain the procedure to decipher the same.	CO3	L3: Apply	10
	Viva			20

Note:

The students shall perform practical in class.
Appropriate steps and screenshots must be placed in a proper document before submission.

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