

31/5/24



Dr. Vishwanath Karad
MIT WORLD PEACE
UNIVERSITY | PUNE
 TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

PRN:

Term End Examination

May/June 2024

CET4010B - Vulnerability Identification and Penetration Testing

Question Paper ID: 037714

Faculty/School	School of Computer Science and Engineering	Term	Semester VI
Program	TY B.Tech CSF	Duration	1 Hours 30 Minutes
Specialization	-	Max. Marks	40

Section - 1 (8 X 5 Marks)

Answer any 8 questions

1	What is 'scanning' phase in ethical hacking? What are the approaches and application used in scanning phase?	5 marks	CO1	Remembering
2	Illustrate the scenario for which you are going to perform Vulnerability Assessment and Ethical Hacking.	5 marks	CO1	Applying
3	Discuss the dangers of social engineering in gathering confidential information. Provide examples of social engineering techniques and explain countermeasures that can be implemented to prevent social engineering attacks.	5 marks	CO2	Understanding
4	Explain the concept of application vulnerabilities. Discuss common types of application vulnerabilities, such as SQL injection and cross-site scripting (XSS), and methods to secure applications against these vulnerabilities.	5 marks	CO2	Understanding
5	Enlist and explain the various security policies that may help to prevent malware attacks.	5 marks	CO2	Understanding
6	Explain the process of discovering patching vulnerabilities. How can organizations identify and address vulnerabilities in their software and systems through effective patch management?	5 marks	CO4	Applying
7	Illustrate the Analysis and Reporting phase of penetration testing with diagram.	5 marks	CO3	Applying
8	What is SecSDLC? Explain in detailed its all phases.	5 marks	CO4	Applying