

APJ ABDULKALAM TECHNOLOGICAL UNIVERSITY  
08 PALAKKAD CLUSTER



Q. P. Code: CS0822311C-1

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Name: .....

Reg. No: .....

THIRD SEMESTER M.TECH. DEGREE EXAMINATION DECEMBER 2022

Branch: Computer Science & Engineering

Specialization: Computer Science & Engineering

08CS7011(C) ETHICAL HACKING

Time: 3 hours

Max. Marks: 60

Answer all six questions.

Modules 1 to 6: Part 'a' of each question is compulsory and answer either part 'b' or part 'c' of each question.

Q. No.	Module 1	Marks
1.a	Write short note on Fraud Triangle.	3
<b>Answer b or c</b>		
b	What are the steps that are included in DID efficiency calculation? Explain them in detail?	6
c	Illustrate the process involved in understanding the inherent risk profile of a business with relevant tables and assumptions.	6
Q. No.	Module 2	Marks
2.a	Write short note on port scanning. Name one tool used to perform port scanning?	3
<b>Answer b or c</b>		
b	With the help of a neat diagram, explain the difference between full open scan and half open Scan?	6
c	Analyse TCP protocol header. Outline the roles of sequence number, window, checksum fields in TCP header and RST, PSH, SYN flags of TCP.	6
Q. No.	Module 3	Marks
3.a	Write short note on the limitations of packet filters.	3
<b>Answer b or c</b>		
b	Compare Packet filtering Vs Application-Level Firewall Technology.	6

