

QID :

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/ MANAGEMENT/
COMMERCIAL PRACTICE.**

MODEL QUESTION PAPER - ETHICAL HACKING

Time:3hours

Maximum Marks:75

PART A

I. Answer all the following questions in one word or sentence.

(9 x 1 = 9 Marks)

Module Outcome Cognitive level			
1	Define Ethical hacking	M 1.01	R
2	List two Network attacks	M 1.04	R
3	Define foot printing	M 2.01	R
4	List two tools used for ping sweep	M2.04	R
5	----- Scan is usually used to bypass a firewall or packet-filtering device.	M 2.04	R
6	State true or false: NTFS is a windows file system	M 3.01	U
7	Define Null Session	M 3.01	R
8	Name two web application vulnerabilities from OWASP's top 10 list.	M 4.02	R
9	Define Access Point	M 4.03	R

PART B

II. Answer any Eight questions from the following

(8 x 3 = 24 Marks)

Module Outcome Cognitive level

1	List any three methods for protecting against malware attacks	M 1.01	R
2	Compare Virus and Worms	M1.03	U
3	Explain DDoS attack	M1.04	U
4	List any three countermeasures for shoulder surfing	M 2.03	R
5	Explain Dumpster diving	M 2.03	U
6	Explain how DNS is a major area of potential vulnerability for network attacks.	M 3.01	U
7	Explain vulnerabilities in Linux OS	M 3.03	U
8	List any 3 malicious activities an attacker can do after gaining control of a web server	M 4.02	R
9	Explain wireless network components	M 4.03	U
10	Explain the term war driving.	M 4.04	U

PART C

Answer all questions from the following

(6 x 7 = 42 Marks)

Module Outcome Cognitive level

III.	Explain Buffer overflow attacks and Brute force attacks	M 1.04	U
	OR		
IV.	Explain viruses (two types) and methods to counteract against virus attacks	M 1.03	U
V.	Compare three port scanning types	M 2.04	U
	OR		
VI.	Explain Social Engineering and give two methods for social engineering	M 2.03	U
VII.	How can you demonstrate the process of foot printing using web tools specifically for a sample website('mysite.com')	M 2.01	U

OR			
VIII.	Explain Competitive intelligence and suggest one method for it	M 2.02	U
IX.	Explain Remote Procedure Call	M 3.01	U
OR			
X.	Explain Common Internet file system	M 3.01	U
XI	Explain the different file systems and vulnerabilities related to them in Windows OS	M 3.02	U
OR			
XII	Explain countermeasures against Linux OS attacks	M 3.04	U
XIII.	Summarize countermeasures for wireless attacks	M4.04	U
OR			
		M 4.02	U
XIV.	Explain Cross Site Request Forgery		