

Bapatla Engineering College (Autonomous)
II Mid Term Examination
IT Department

Class:- VII Sem. Sec. A & B
Subject:- 14IT701, Adv. Cyber Security

Date:- October 28, 2019
Time:- 90 mt.

Part A
(Answer all question)

1. (6 X 1 = 6)
- (a) What is Cookie poisoning? [L1, CO3]
 - (b) What is the significance of Address Resolution Protocol? [L2, CO3]
 - (c) Write the difference between Spoofing and Hijacking [L2, CO3]
 - (d) What mistake committed by the user leads Cross Site Request Forgery attack? [L2, CO4]
 - (e) List top three most common attacks on web applications according to the report published by Open Web Application Security Project in the year 2017 [L1, CO4]
 - (f) Give any one example for security mis-configuration of a web application [L2, CO4]

Part B
(Answer any one question)

2. (6,6)
- (a) Describe DNS poisoning [L1, CO3]
 - (b) How a Hacker hijacks a session at the level of a Network layer? [L2, CO3]

OR

3. (12)
- (a) Compare WEP and WPA authentication protocols [L4, CO3]
 - (b) Compare Open System Authentication and Shared Key Authentication of WEP protocols [L4, CO3]

Part C
(Answer any one question)

4. (6,6)
- (a) How a Hacker performs Application layer level Session Hijacking? [L2, CO4]
 - (b) How a Hacker performs Cross Site Scripting attack? [L2, CO4]

OR

5. (6,6)
- (a) Describe SQL injection attack on a web application to bypass authentication [L2, CO4]
 - (b) Describe Buffer overflow attack [L2, CO4]

Bapatla Engineering College (Autonomous)
I Mid Term Examination
IT Department

Class:- VII Sem. Sec. A & B
Subject:- 14IT701, Adv. Cyber Security

Date:- August 26, 2019
Time:- 90 mt.

Part A
(Answer all question)

1. (6 X 1 = 6)
- (a) Write the nmap command to scan top 100 ports [L1, CO1]
 - (b) What is password salting? [L1, CO2]
 - (c) Differentiate Cyber Security and Information Security [L1, CO1]
 - (d) Define Ethical Hacker [L1, CO1]
 - (e) What is Penetration Testing? [L1, CO1]
 - (f) What is the main objective of Network Scanning? [L1, CO1]

Part B
(Answer any one question)

2. (6,6)
- (a) Describe NetBIOS enumeration [L1, CO1]
 - (b) Describe SMTP enumeration [L1, CO1]

OR

3. (12)
- (a) Compare and contrast different types of port scanning. Also add the nmap option to be used for a particular type of port scan. [L4, CO1]

Part C
(Answer any one question)

4. (6,6)
- (a) Describe active online password cracking techniques [L2, CO1]
 - (b) Describe passive online password cracking techniques [L2, CO1]

OR

5. (6,6)
- (a) Explain the phases of System Hacking [L2, CO1]
 - (b) Describe the Offline passwords cracking technique [L2, CO1]

Bapatla Engineering College (Autonomous)
I Mid Term Examination
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Class:- VII Sem. Sec. A & B
Subject:- 14IT701, Adv. Cyber Security

Date:- August 11, 2018
Time:- 90 mt.

Part A
(Answer all question)

1. (6 X 1 = 6)
- (a) Differentiate Cyber Security and Information Security
 - (b) Define Ethical Hacker
 - (c) What is Penetration Testing?
 - (d) What is the main objective of Network Scanning?
 - (e) How to store passwords in a password file?
 - (f) What is the main objective of Enumeration?

Part B
(Answer any one question)

2. (6,6)
- (a) Describe NetBIOS enumeration
 - (b) Describe SMTP enumeration

OR

3. (12)
- (a) Compare and contrast different types of port scanning. Also add the nmap option to be used for a particular type of port scan.

Part C
(Answer any one question)

4. (6,6)
- (a) Describe active online password cracking techniques
 - (b) Describe passive online password cracking techniques

OR

5. (6,6)
- (a) Explain the phases of System Hacking
 - (b) Describe the Offline passwords cracking technique

Bapatla Engineering College (Autonomous)
II Assignment Test
IT Department

Class:- VII Sem. Sec. A & B
Subject:- 14IT701, Adv. Cyber Security

Test Date:- August 19, 2018
Time:- 45 mt.

Part A
(Answer all question)

1. (6 X 1 = 6)
- (a) Differentiate Cyber Security and Information Security
 - (b) Define Ethical Hacker
 - (c) What is Penetration Testing?
 - (d) What is the main objective of Network Scanning?
 - (e) How to store passwords in a password file?
 - (f) What is the main objective of Enumeration?

Part B
(Answer any one question)

2. (3,3,4)
- (a) What is a MAC address?
 - (b) What is MAC flooding?
 - (c) Differentiate active network sniffing from passive network sniffing.

OR

3. (3,3,4)
- (a) What is the significance of ARP table?
 - (b) Describe ARP protocol
 - (c) What are the motives behind ARP poisoning attack?

Part C
(Answer any one question)

4. (3,3,4)
- (a) Describe DHCP protocol
 - (b) How DHCP starvation attack is performed?
 - (c) What are the motives behind Rogue DHCP server attack?

OR

5. Write about the following DNS poisoning attacks (4,3,3)
- (a) Intranet DNS Spoofing
 - (b) Internet DNS Spoofing
 - (c) Proxy Server DNS Poisoning

6. (2,8)
- (a) Differentiate Spoofing from Hijacking
 - (b) Describe TCP/IP Hijacking

7. (4,6)
- (a) What is Blind Hijacking

Bapatla Engineering College (Autonomous)
II Mid Term Examination
IT Department

Class:- VII Sem. Sec. A & B
Subject:- 14IT701, Adv. Cyber Security

Date:- October 06, 2018
Time:- 90 mt.

Part A
(Answer all question)

1. (6 X 1 = 6)
- (a) What is Passive Sniffing?
 - (b) What is a SPAN port in a Switch?
 - (c) Differentiate Spoofing from Hijacking
 - (d) What is a web application?
 - (e) List top three most frequent attacks on web applications
 - (f) How a session is maintained

Part B
(Answer any one question)

2. (3,9)
- (a) Describe ARP poisoning attack
 - (b) Describe DNS poisoning attack

OR

3. (3,9)
- (a) Write about different methods of Session Hijacking
 - (b) Describe TCP/IP Session Hijacking

Part C
(Answer any one question)

4. (6,6)
- (a) Describe XSS attack
 - (b) Describe Cross Site Request Forgery attack

OR

5. (6,6)
- (a) Explain SQL injection attack
 - (b) Describe Buffer Overflow attack

Bapatla Engineering College (Autonomous)
Makeup Test
IT Department

Class:- VII Sem. Sec. A & B
Subject:- 14IT701, Adv. Cyber Security

Date:- November 06, 2018
Time:- 90 mt.

Part A
(Answer all question)

1. (8 X 1 = 8)
- (a) What is a countermeasure?
 - (b) What the nmap command to scan top 100 ports.
 - (c) Differentiate Spoofing from Hijacking
 - (d) What is the significance of ARP table?
 - (e) What is password salting?
 - (f) What is proxy server DNS poisoning attack?
 - (g) Write the Wireshark display filter to display only packets related to HTTP GET request.
 - (h) Write about injection flaws

Part B
(Answer any one question)

2. (5,5,6)
- (a) Describe different classes of Hackers
 - (b) Explain IDLE network scan
 - (c) Write about DNS enumeration

OR

3. (10,6)
- (a) Describe different types of malware
 - (b) How to perform Distributed Denial of Service attack?

Part C
(Answer any one question)

4. (8,4,4)
- (a) Write about DHCP attacks
 - (b) Write about ARP poisoning attack.
 - (c) Describe MAC flooding attack

OR

5. (4,8,4)
- (a) Explain Session Fixation attack
 - (b) Describe Buffer Overflow attack
 - (c) Write about Cookie poisoning attack