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## Question 1

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**Question Type:** MultipleChoice

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Ryan, a malicious hacker submits Cross-Site Scripting (XSS) exploit code to the Website of Internet forum for online discussion. When a user visits the infected Web page, code gets automatically executed and Ryan can easily perform acts like account hijacking, history theft etc. Which of the following types of Cross-Site Scripting attack Ryan intends to do?

**Options:**

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- A- Non persistent
- B- SAX
- C- Persistent
- D- Document Object Model (DOM)

**Answer:**

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C

## Question 2

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**Question Type: MultipleChoice**

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John works as a Network Security Administrator for NetPerfect Inc. The manager of the company has told John that the company's phone bill has increased drastically. John suspects that the company's phone system has been cracked by a malicious hacker. Which attack is used by malicious hackers to crack the phone system?

**Options:**

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- A- Sequence++ attack
- B- Phreaking
- C- Man-in-the-middle attack
- D- War dialing

**Answer:**

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B

## Question 3

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**Question Type: MultipleChoice**

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Which of the following methods is used by forensic investigators to acquire an image over the network in a secure manner?

**Options:**

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- A- DOS boot disk
- B- EnCase with a hardware write blocker
- C- Linux Live CD
- D- Secure Authentication for EnCase (SAFE)

**Answer:**

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D

## Question 4

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**Question Type: MultipleChoice**

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Which of the following algorithms is used as a default algorithm for ESP extension header in IPv6?

**Options:**

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- A- Propagating Cipher Block Chaining (PCBC) Mode
- B- Cipher Block Chaining (CBC) Mode
- C- Cipher Feedback (CFB) Mode
- D- Electronic Codebook (ECB) Mode

**Answer:**

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B

## Question 5

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**Question Type:** MultipleChoice

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You work as a Network Administrator for Net Perfect Inc. The company has a TCP/IP-based network. You are configuring an Internet connection on a server. Which of the following servers filters outbound Web traffic on the network?

**Options:**

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- A- Proxy server
- B- DNS server

**C-** WINS server

**D-** DHCP server

**Answer:**

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A

## Question 6

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**Question Type: MultipleChoice**

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Session splicing is an IDS evasion technique in which an attacker delivers data in multiple small-sized packets to the target computer. Hence, it becomes very difficult for an IDS to detect the attack signatures of such attacks. Which of the following tools can be used to perform session splicing attacks?

Each correct answer represents a complete solution. Choose all that apply.

**Options:**

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**A-** Nessus

**B-** Whisker

**C-** Y.A.T.

**D-** Fragroute

**Answer:**

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A, B

## Question 7

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**Question Type: MultipleChoice**

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Which of the following commands displays the IPX routing table entries?

**Options:**

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**A-** sh ipx traffic

**B-** sh ipx int e0

**C-** sh ipx route

**D-** sho ipx servers

**Answer:**

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C

## Question 8

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**Question Type: MultipleChoice**

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What netsh command should be run to enable IPv6 routing?

Each correct answer represents a part of the solution. Choose two.

**Options:**

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**A-** netsh interface IPv6 show interface

**B-** netsh interface IPv6 add routes

**C-** netsh interface IPv6 set interface

**D-** netsh interface IPv6 add address

**Answer:**

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B, C



## Question 9

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**Question Type:** MultipleChoice

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Andrew, a bachelor student of Faulkner University, creates a gmail account. He uses 'Faulkner' as the password for the gmail account. After a few days, he starts receiving a lot of e-mails stating that his gmail account has been hacked. He also finds that some of his important mails have been deleted by someone. Which of the following methods has the attacker used to crack Andrew's password?

Each correct answer represents a complete solution. Choose all that apply.

### Options:

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- A- Zero-day attack
- B- Dictionary-based attack
- C- Rainbow attack
- D- Denial-of-service (DoS) attack
- E- Brute force attack
- F- Buffer-overflow attack
- G- Password guessing

H- Social engineering

**Answer:**

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B, C, E, G, H

## Question 10

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**Question Type: MultipleChoice**

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For a host to have successful Internet communication, which of the following network protocols are required? You should assume that the users will not manually configure the computer in anyway and that the measure of success will be whether the user can access Web sites after powering the computer and logging on.

Each correct answer represents a complete solution. Choose all that apply.

**Options:**

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A- NTP

B- HTTP/HTTPS

C- DNS

**D-** DHCP

**Answer:**

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B, C, D

## Question 11

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**Question Type:** MultipleChoice

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Which of the following is a correct sequence of different layers of Open System Interconnection (OSI) model?

**Options:**

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- A-** Physical layer, data link layer, network layer, transport layer, session layer, presentation layer, and application layer
- B-** Physical layer, network layer, transport layer, data link layer, session layer, presentation layer, and application layer
- C-** application layer, presentation layer, network layer, transport layer, session layer, data link layer, and physical layer
- D-** Physical layer, data link layer, network layer, transport layer, presentation layer, session layer, and application layer

**Answer:**

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A

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