A. DSA
B. PKI
C. RSA
D. 3DES

Correct Answer: D

QUESTION 409
Which of the following cryptography attack methods is usually performed without the use of a computer?

A. Ciphertext-only attack
B. Chosen key attack
C. Rubber hose attack
D. Rainbow table attack

Correct Answer: C

QUESTION 410
What technique is used to perform a Connection Stream Parameter Pollution (CSPP) attack?

A. Injecting parameters into a connection string using semicolons as a separator.
B. Inserting malicious JavaScript code into input parameters.
C. Setting a user's session identifier (SID) to an explicit known value.
D. Adding multiple parameters with the same name in HTTP requests.

Correct Answer: A

QUESTION 411
Which of the following open source tools would be the best choice to scan a network for potential targets?

A. NMAP
B. NIKTO
C. CAIN
D. John the Ripper

Correct Answer: A

QUESTION 412

Which of the following levels of algorithms does Public Key Infrastructure (PKI) use?

A. RSA 1024 bit strength
B. AES 1024 bit strength
C. RSA 512 bit strength
D. AES 512 bit strength

Correct Answer: A

QUESTION 413

Which cipher encrypts the plain text digit (bit or byte) one by one?

A. Classical cipher
B. Block cipher
C. Modern cipher
D. Stream cipher

Correct Answer: D

QUESTION 414

WPA2 uses AES for wireless data encryption at which of the following encryption levels?

A. 64 bit and CCMP
B. 128 bit and CRC
C. 128 bit and CCMP
D. 128 bit and TKIP

Correct Answer: C

QUESTION 415

Which of the following network attacks relies on sending an abnormally large packet size that exceeds TCP/IP specifications?

A. Ping of death
B. SYN flooding
C. TCP hijacking
D. Smurf attack

Correct Answer: A

QUESTION 416
Which of the following viruses tries to hide from anti-virus programs by actively altering and corrupting the chosen service call interruptions when they are being run?

A. Cavity virus
B. Polymorphic virus
C. Tunneling virus
D. Stealth virus

Correct Answer: D

QUESTION 417
The Open Web Application Security Project (OWASP) testing methodology addresses the need to secure web applications by providing which one of the following services?

A. An extensible security framework named COBIT.
B. A list of flaws and how to fix them.
C. Web application patches.
D. A security certification for hardened web applications.

Correct Answer: B

QUESTION 418
Which of the following techniques does a vulnerability scanner use in order to detect a vulnerability on a target service?

A. Port scanning
B. Banner grabbing
C. Injecting arbitrary data
D. Analyzing service response

Correct Answer: D

QUESTION 419
Which of the following is a preventive control?

A. Smart card authentication
B. Security policy
C. Audit trail

D. Continuity of operations plan

Correct Answer: A

QUESTION 420
Which of the following describes the characteristics of a Boot Sector Virus?

A. Moves the MBR to another location on the RAM and copies itself to the original location of the MBR.
B. Moves the MBR to another location on the hard disk and copies itself to the original location of the MBR.
C. Modifies directory table entries so that directory entries point to the virus code instead of the actual program.
D. Overwrites the original MBR and only executes the new virus code.

Correct Answer: B

QUESTION 421
Which of the following tools would be the best choice for achieving compliance with PCI Requirement 11?

A. Truecrypt
B. Sub7
C. Nessus
D. Clamwin

Correct Answer: C

QUESTION 422
The precaution of prohibiting employees from bringing personal computing devices into a facility is what type of security control?

A. Physical
B. Procedural
C. Technical
D. Compliance

Correct Answer: B

QUESTION 423

A botnet can be managed through which of the following?

A. IRC
B. E-Mail
C. Linkedin and Facebook
D. A vulnerable FTP server

Correct Answer: A

QUESTION 424

Which of the following is a strong post designed to stop a car?

A. Gate
B. Fence
C. Bollard
D. Reinforced rebar

Correct Answer: C

QUESTION 425

What are common signs that a system has been compromised or hacked? (Choose three.)

A. Increased amount of failed logon events.
B. Patterns in time gaps in system and/or event logs.
C. New user accounts created.
D. Consistency in usage baselines.
E. Partitions are encrypted.
F. Server hard drives become fragmented.

Correct Answer: ABC

QUESTION 426

A recently hired network security associate at a local bank was given the responsibility to perform daily scans of the internal network to look for unauthorized devices. The employee decides to write a script that will scan the network for unauthorized devices every morning at 5:00 am. Which of the following programming languages would most likely be used?

A. PHP