MIS5214 **Your Name _____**
Week 10 **Date _____**

1. At which of the following layers of the Open System Interconnection (OSI) model the Internet Control Message Protocol (ICMP) and the Internet Group Management Protocol (IGMP) work?

A. The Physical layer
B. The Data-Link layer
C. The Network layer
D. The Presentation layer

2. Which of the following two cryptography methods are used by NTFS Encrypting File System (EFS) to encrypt the data stored on a disk on a file-by-file basis?

A. Twofish
B. Digital certificates
C. Public key
D. RSA

3. Which of the following statements about Discretionary Access Control List (DACL) is true?

A. It specifies whether an audit activity should be performed when an object attempts to access a resource.
B. It is a unique number that identifies a user, group, and computer account.
C. It is a list containing user accounts, groups, and computers that are allowed (or denied) access to the object.
D. It is a rule list containing access control entries.

4. Which of the following methods will allow data to be sent on the Internet in a secure format?

A. Serial line Interface Protocol
B. Point-to-Point Protocol
C. Browsing
D. Virtual Private Networks

5. Which of the following are used to suppress electrical and computer fires? Each correct answer represents a complete solution. Choose two.

A. Halon
B. Water
C. C02
D. Soda acid

6. Which of the following are natural environmental threats that an organization faces? Each correct answer represents a complete solution. Choose two.

A. Strikes
B. Hoods
C. Accidents
D. Storms

7. Which of the following keys are included in a certificate revocation list (CRL) of a public key infrastructure (PKI)? Each correct answer represents a complete solution. Choose two.

A. A foreign key
B. A private key
C. A public key
D. A primary key

8. Which of the following SDLC phases consists of the given security controls: Misuse Case Modeling Security Design and Architecture Review Threat and Risk Modeling Security Requirements and Test Cases Generation?

A. Design
B. Maintenance
C. Deployment
D. Requirements Gathering

9. A company named Money Builders Inc., hires you to provide consultancy for setting up their Windows network. The company's server room will be in a highly secured environment. You are required to suggest an authentication method for it. The CFO of the company wants the server to use thumb impressions for authentication.

Which of the following authentication methods will you suggest?
A. Certificate
B. Smart card
C. Two-factor
D. Biometrics

10. You are the Security Consultant and have been contacted by a client regarding their encryption and hashing algorithms. Their in-house network administrator tells you that their current hashing algorithm is an older one with known weaknesses and is not collision resistant.
Which algorithm are they most likely using for hashing?

A. PKI
B. SHA
C. Kerberos
D. MD5