SolveMyQues
Test your skills online

Sample Questions with Answers

Cybersecurity - Cryptography

Generated on March 10, 2026 at 10:01 PM

Cybersecurity

Question 1:

In symmetric encryption, the same key is used for both encryption and decryption.

[ANSWER] Answer & Explanation:

True. Symmetric encryption uses a single shared key for both encrypting and decrypting data.

Question 2:

AES stands for Advanced _____ Standard.

[ANSWER] Answer & Explanation:

AES (Advanced Encryption Standard) is a widely used symmetric encryption algorithm.

Question 3:

Which cryptographic concept ensures data has not been tampered with?

[ANSWER] Answer & Explanation:

Integrity ensures that data has not been altered or tampered with during transmission or storage.

Question 4:

Digital signatures provide both authentication and non-repudiation.

> **[ANSWER] Answer & Explanation:**
>
> True. Digital signatures verify the sender's identity (authentication) and prevent denial of sending (non-repudiation).

Question 5:

Which cryptographic concept provides forward secrecy in communication protocols?

> **[ANSWER] Answer & Explanation:**
>
> Ephemeral key exchange generates temporary session keys that provide forward secrecy by ensuring past communications remain secure even if long-term keys are compromised.

[FEATURES] Want More Questions & Features?

Visit SolveMyQues.com for:

- [+] Complete question bank with detailed answers & explanations
- [+] Interactive skill assessment tests with instant results
- [+] Performance tracking and personalized recommendations
- [+] Achievement certificates and progress reports
- [+] Expert explanations and step-by-step solutions
- [+] Ask questions to our expert team
- [+] Daily challenges and leaderboards

[WEB] Website: www.solvemyques.com

[EMAIL] Email: support@solvemyques.com