**ACTIVIDAD # 7**

**Tipo de actividad: Multiple-choice questions.**

1. What is the primary purpose of cryptography in online transactions?

 - A. To increase transaction speed

 - B. To make data visible to everyone

 - C. To scramble data into an unreadable format

 - D. To eliminate the need for special keys

2. What does SSL (Secure Sockets Layer) do to enhance online security?

 - A. Encrypts data for secure transactions

 - B. Speeds up internet connection

 - C. Reveals sensitive information

 - D. Disables encryption for specific websites

3. What is the purpose of a digital signature in online transactions?

 - A. To make data readable to everyone

 - B. To encrypt data during transmission

 - C. To validate the identity of the sender

 - D. To speed up the decryption process

4. How does symmetric encryption differ from asymmetric encryption?

 - A. Symmetric encryption uses different keys for encryption and decryption.

 - B. Asymmetric encryption is faster but less secure.

 - C. Symmetric encryption uses the same key for both encryption and decryption.

 - D. Asymmetric encryption requires a physical key for data access.

5. What does the presence of the padlock icon in a web browser's address bar indicate?

 - A. The website is using SSL for secure transactions.

 - B. The website is vulnerable to cyber attacks.

 - C. The website is offline.

 - D. The website requires a password.