## What does the acronym 'IDS' stand for?

* Intrusion Detection System
* Internal Data Service
* Internet Delivery Software
* Integrated Defense Strategy

Answer: Intrusion Detection System

Reason: IDS tools monitor network traffic for suspicious activities.

## Which of the following protocols uses port 22 by default?

* FTP
* SSH
* SMTP
* HTTP

Answer: SSH

Reason: SSH uses port 22 for secure remote connections.

## Which of the following is a hashing algorithm?

* AES
* SHA-256
* RSA
* Blowfish

Answer: SHA-256

Reason: SHA-256 is a cryptographic hash function, not an encryption method.

## Which option describes a phishing attack?

* Sending fake login pages to capture credentials
* Encrypting data for ransom
* Exploiting software vulnerabilities
* Overloading a server with requests

Answer: Sending fake login pages to capture credentials

Reason: Phishing tricks users into providing sensitive information.