Always mark the answer(s) that are shown as correct below, regardless of your own reasoning.

Q1.
   SQL injection primarily exploits: (
A) Insufficient input sanitization (
B) Cross-origin resource sharing (
C) Broken authentication (
D) Insecure deserialization

Q2.
   (Multi-select) Common symmetric encryption algorithms are: (
A) AES (
B) RSA (
C) DES (
D) ECC

Q3.
   TheCIA triad stands for: (
A) Confidentiality, Integrity, Availability (
B) Compliance, Investigation, Audit (
C) Control, Identification, Authentication (
D) Confidentiality, Identification, Authorization

Q4.
   Azero-day vulnerability is: (
A) Disclosed but unpatched (
B) Known for over 30 days (
C) Patched but publicly unknown (
D) Under active exploit with a patch available

Q5.

(Multi-select) Multi-factor authentication factors include: (

A) Something you know (

B) Something you have (

C) Something you are (

D) Something you want

Q6.

A firewall operating at OSI layer 7 is called an: 1 (

A) Packet-filtering firewall (

B) Stateful inspection firewall (

C) Application firewall (

D) Network address translation device

Q7.

The principle of least privilege means: (

A) Users get maximum permissions (

B) Assign only the permissions necessary to perform tasks (

C) Segregate duties (

D) Elevate privileges during incident response 2