Correct Answer: B

QUESTION 169
Which of the following is a state machine model capturing confidentiality aspects of access control?

A. Clarke Wilson
B. Bell-LaPadula
C. Chinese Wall
D. Lattice

Correct Answer: B

QUESTION 170
With the BLP model, access permissions are defined through:

A. Filter rules
B. Security labels
C. Access Control matrix
D. Profiles

Correct Answer: C

QUESTION 171
With the BLP model, security policies prevent information flowing downwards from a:

A. Low security level
B. High security level
C. Medium security level
D. Neutral security level

Correct Answer: B

QUESTION 172
When will BLP consider the information flow that occurs?

A. When a subject alters on object.
B. When a subject accesses an object.
C. When a subject observer an object.
D. All of the choices.

Correct Answer: D

QUESTION 173

In the Bell-LaPadula model, the Star-property is also called:

A. The simple security property
B. The confidentiality property
C. The confinement property
D. The tranquility property

Correct Answer: C

QUESTION 174

The Lattice Based Access Control model was developed MAINLY to deal with:

A. Affinity
B. None of the choices.
C. Confidentiality
D. Integrity

Correct Answer: C

QUESTION 175

With the Lattice Based Access Control model, a security class is also called a:

A. Control factor
B. Security label
C. Mandatory number
D. Serial ID

Correct Answer: B

QUESTION 176

Under the Lattice Based Access Control model, a container of information is a(n):

A. Object
B. Model
C. Label
D. None of the above

Correct Answer: A

QUESTION 177
What Access Control model was developed to deal mainly with information flow in computer systems?

A. Lattice Based
B. Integrity Based
C. Flow Based
D. Area Based

Correct Answer: A

QUESTION 178
The Lattice Based Access Control model was developed to deal mainly with _____ in computer systems.

A. Access control
B. Information flow
C. Message routes
D. Encryption

Correct Answer: B

QUESTION 179
In the Lattice Based Access Control model, controls are applied to:

A. Scripts
B. Objects
C. Models
D. Factors

Correct Answer: B

QUESTION 180
Access control techniques do not include:

A. Rule-Based Access Controls
B. Role-Based Access Controls
C. Mandatory Access Controls

D.   Random Number Based Access Control

Correct Answer: D

QUESTION 181
An access control policy for a bank teller is an example of the implementation of which of the following?

A.   rule-based policy
B.   identity-based policy
C.   user-based policy
D.   role-based policy

Correct Answer: D

QUESTION 182
Access control techniques do not include which of the following choices?

A.   Relevant Access Controls
B.   Discretionary Access Controls
C.   Mandatory Access Controls
D.   Lattice Based Access Controls

Correct Answer: A

QUESTION 183
What is called a type of access control where a central authority determines what subjects can have access to certain objects, based on the organizational security policy?

A.   Mandatory Access Control
B.   Discretionary Access Control
C.   Non-discretionary Access Control
D.   Rule-based access control

Correct Answer: C

QUESTION 184

In non-discretionary access control, a central authority determines what subjects can have access to certain objects based on the organizational security policy. The access controls may be based on:

A. the society's role in the organization
B. the individual's role in the organization
C. the group-dynamics as they relate to the individual's role in the organization
D. the group-dynamics as they relate to the master-slave role in the organization

Correct Answer: B

QUESTION 185

This is a common security issue that is extremely hard to control in large environments. It occurs when a user has more computer rights, permissions, and privileges than what is required for the tasks the user needs to fulfill. What best describes this scenario?

A. Excessive Rights
B. Excessive Access
C. Excessive Permissions
D. Excessive Privileges

Correct Answer: D

QUESTION 186

The default level of security established for access controls should be

A. All access
B. Update access
C. Read access
D. No access

Correct Answer: D

QUESTION 187

Access Control techniques do not include which of the following choices?

A. Relevant Access Controls
B. Discretionary Access Control
C. Mandatory Access Control
D. Lattice Based Access Controls