Correct Answer: A

QUESTION 150
Which TCSEC (Orange Book) level requires the system to clearly identify functions of security administrator to perform security-related functions?

A. C2
B. B1
C. B2
D. B3

Correct Answer: D

QUESTION 151
Which of the following statements pertaining to the trusted computing base (TCB) is false?

A. It addresses the level of security a system provides.
B. It originates from the Orange Book.
C. It includes hardware, firmware, and software.
D. A higher TCB rating will require that details of their testing procedures and documentation be reviewed with more granularity.

Correct Answer: A

QUESTION 152
Which of the following is not an Orange book-defined operational assurance requirement?

A. System architecture
B. Trusted facility management
C. Configuration management
D. Covert channel analysis

Correct Answer: C

QUESTION 153
Which of the following focuses on the basic features and architecture of a system?

A. operational assurance
B. life cycle assurance
C. covert channel assurance

D. level A1

Correct Answer: A

QUESTION 154
Which level(s) must protect against both covert storage and covert timing channels?

A. B3 and A1
B. B2, B3 and A1
C. A1
D. B1, B2, B3 and A1

Correct Answer: A

QUESTION 155
According to the Orange Book, trusted facility management is not required for which of the following security levels?

A. B1
B. B2
C. B3
D. A1

Correct Answer: A

QUESTION 156
Which factor is critical in all systems to protect data integrity?

A. Data classification
B. Information ownership
C. Change control
D. System design

Correct Answer: A

QUESTION 157
Which of the following is not a common integrity goal?

A. Prevent unauthorized users from making modifications.
B. Maintain internal and external consistency.

C.   Prevent authorized users from making improper modifications.
D.   Prevent paths that could lead to inappropriate disclosure.

Correct Answer: D

QUESTION 158
Which security model introduces access to objects only through programs?

A.   The Biba model
B.   The Bell-LaPadula model
C.   The Clark-Wilson model
D.   The information flow model

Correct Answer: C

QUESTION 159
To ensure that integrity is attainted through the Clark and Wilson model, certain rules are needed. These rules are:

A.   Processing rules and enforcement rules.
B.   Integrity-bouncing rules.
C.   Certification rules and enforcement rules.
D.   Certification rules and general rules.

Correct Answer: C

QUESTION 160
What can be defined as a formal security model for the integrity of subjects and objects in a system?

A.   Biba
B.   Bell-LaPadula Lattice
C.   Lattice
D.   Info Flow

Correct Answer: A

QUESTION 161

The Clark Wilson model has its emphasis on:

A. Security
B. Integrity
C. Accountability
D. Confidentiality

Correct Answer: B

QUESTION 162

What does * (star) integrity axiom mean in the Biba model?

A. No read up
B. No write down
C. No read down
D. No write up

Correct Answer: D

QUESTION 163

Which access control model states that for integrity to be maintained data must not flow from a receptacle of given integrity to a receptacle of higher integrity?

A. Lattice Model
B. Bell-LaPadula Model
C. Biba Model
D. Take-Grant Model

Correct Answer: C

QUESTION 164

Which one of the following is a KEY responsibility for the "Custodian of Data"?

A. Data content and backup
B. Integrity and security of data
C. Authentication of user access
D. Classification of data elements

Correct Answer: B

QUESTION 165
Which one of the following is true about information that is designated with the highest of confidentiality in a private sector organization?

A. It is limited to named individuals and creates an audit trail.
B. It is restricted to those in the department of origin for the information.
C. It is available to anyone in the organization whose work relates to the subject and requires authorization for each access.
D. It is classified only by the information security officer and restricted to those who have made formal requests for access.

Correct Answer: C

QUESTION 166
Related to information security, confidentiality is the opposite of which of the following?

A. closure
B. disclosure
C. disposal
D. disaster

Correct Answer: B

QUESTION 167
What is the main concern of the Bell-LaPadula security model?

A. Accountability
B. Integrity
C. Confidentiality
D. Availability

Correct Answer: C

QUESTION 168
Which of the following are the limitations of the Bell-LaPadula model?

A. No policies for changing access data control.
B. All of the choices.
C. Contains covert channels.
D. Static in nature.