

NPTEL Assignment 2nd

1. CIA triad refers to:

Confidentiality, Integrity and Availability

Confidentiality, Integrity and Authentication

Confidentiality, Integrity and Authorization

Cybersecurity, Investigation and Authentication

2. What aspect emerges from the intersection of 3 components of Information Security?

Technology

Policy

Human Security

None of the above

3. -----, authentication and authorization are means to ensure CIA.

Investigation

Identification

Classification

Verification

4. Should all 27 cells of McCumber's Cube be addressed with the same priority?

True

False

5. Which of the following is/ are the design principles of high availability systems?

Eliminate single points of failure

Ensure reliable crossover

Identify failures in real time

All the above

6. In ensuring confidentiality, what is the crucial process that involves classifying information and individuals, and mapping them based on the level of access?

Identification

Authentication

Authorization

Encryption

7. In addition to cryptography, a number of measures may be used for confidentiality, including:

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Information classification

Secure document storage

Application of general security policies

All the above

8. When a control provides assurance that every activity undertaken can be attributed to a named person or automated process, it is known as:

Integrity

Accountability

Accessibility

Authenticity

9. Identify the components of Information Security

Network Security

Computer & Data Security

Management of Information Security

All of the above

10. Which are the three types of power McCumber's Cube identifies?

Technologies

Policies and Practices

People

All the above

You may submit any number of times before the due date. The final submission will be considered for grading.