

Professional Online Academy Vu Topper RM



CS627-Cyber Security Update MCQ'S Mid Term By Vu Topper RM



Follow Us on YouTube:
[@vutopperrm](https://www.youtube.com/@vutopperrm)

For More Help Contact What's app Me!!!
Number's = # 0322-4021365, 0316-4980094

[Rizwan Manzoor](https://www.youtube.com/@vutopperrm)
[Vu Topper RM](https://www.youtube.com/@vutopperrm)

وَتَعَزُّ مَنْ تَشَاءُ وَتَذِلُّ مَنْ تَشَاءُ



Our Services

- Assignments
- Quiz & Gdb's
- LMS Handling
- Online Classes
- Lectures Views
- Project Handling
- Important Notes

Result

85% To
100%

پہلے ہمارے سٹوڈنٹس کے رزلٹ دیکھیں
پھر ہم سے سروسز لیں

www.youtube.com/@vutopperrm



Contact us
0322 4021365
0316 4980094

بری صحبت سے تنہائی بہتر ہے اور تنہائی سے نیک صحبت بہتر ہے

For More Help Contact What's app 03224021365

Question No:1

(Marks:1)

Vu-Topper RM

Which CVSS severity factor determines whether the attack requires special knowledge or tools?

- A. Attack vector
- B. User Interaction (UI)
- C. Attack complexity**
- D. Privileges required

Question No:2

(Marks:1)

Vu-Topper RM

In vulnerability management life cycle, "Access risk" is the _____ step.

- A. 2**
- B. 1
- C. 3
- D. 4

Question No:3

(Marks:1)

Vu-Topper RM

Nessus closed its open source commercial product in _____.

- A. 2015
- B. 1998
- C. 2010
- D. 2005**

Question No:4

(Marks:1)

Vu-Topper RM

Which of the following is a feature of Nessus that helps in prioritizing vulnerabilities?

- A. Intrusion prevention
- B. Risk scoring**
- C. Password cracking
- D. Real-time alerting

بري صحبت سے تھائی بہتر ہے اور تھائی سے نیک صحبت بہتر ہے

For More Help Contact What's app 03224021365

Question No:5

(Marks:1)

Vu-Topper RM

In vulnerability management life cycle, “Remediate” is the _____ step.

A. 3

B. 1

C. 4

D. 2

Question No:6

(Marks:1)

Vu-Topper RM

Which of the following options is not a Qualys deployment option?

A. Cloud-based service

B. Hybrid solution

C. Mobile application

D. On-premise device

Question No:7

(Marks:1)

Vu-Topper RM

Which statement best describes the reputation of Nessus in the field of vulnerability assessment?

A. It is the most trusted and gold standard vulnerability assessment solution.

B. It is a lesser-known tool with limited deployment.

C. It is the newest and emerging solution in the market.

D. It is a controversial tool with mixed reviews.

Question No:8

(Marks:1)

Vu-Topper RM

What is the relationship between CVE and the National Vulnerability Database (NVD)?

A. CVE and NVD are independent and unrelated entities

B. CVE feeds into NVD, providing vulnerability data for analysis and reporting

بري صحبت سے تھائی بہتر ہے اور تھائی سے نیک صحبت بہتر ہے

For More Help Contact What's app 03224021365

- C. NVD contributes to the development and maintenance of the CVE list
- D. NVD is responsible for assigning unique identifiers to vulnerabilities listed in CVE

Question No:9

(Marks:1)

Vu-Topper RM

What is the minimum key length required for RSA encryption?

- A. 1024 bits**
- B. 512 bits
- C. 56 bits
- D. 128 bits

Question No:10

(Marks:1)

Vu-Topper RM

The reversibility of the Feistel Network allows for:

- A. Protection against brute-force attacks
- B. Easy key generation
- C. Efficient encryption and decryption**
- D. High-speed data transmission

Question No:11

(Marks:1)

Vu-Topper RM

What is the purpose of cryptography?

- A. To provide a way to store data without encryption
- B. To provide secure communications in the presence of an adversary/attacker**
- C. To provide entertainment to people
- D. To provide a way to communicate without encryption

Question No:12

(Marks:1)

Vu-Topper RM

Attribute-based access control (ABAC) controls access based on:

بري صحبت سے تہائی بہتر ہے اور تہائی سے نیک صحبت بہتر ہے

For More Help Contact What's app 03224021365

A. All of the given

- B. User attributes only
- C. Environmental conditions and policies
- D. Resource attributes only

Question No:13

(Marks:1)

Vu-Topper RM

What is cryptanalysis?

A. The breaking of secret writing

- B. The making of secret writing
- C. The analysis of public speaking
- D. The analysis of music composition

Question No:14

(Marks:1)

Vu-Topper RM

Which encryption algorithm was selected as the Advanced Encryption Standard (AES) by NIST?

- A. DES
- B. Blowfish
- C. Rijndael**
- D. RSA

Question No:15

(Marks:1)

Vu-Topper RM

Which type of attack involves attempting to recover a password by trying all possible combinations?

- A. Dictionary attack
- B. Brute force attack**
- C. Rainbow table attack
- D. Replay attack

بري صحبت سے تہائی بہتر ہے اور تہائی سے نیک صحبت بہتر ہے

For More Help Contact What's app 03224021365

Question No:16

(Marks:1)

Vu-Topper RM

What does RBAC stand for?

- A. Resource-Based Access Control
- B. Role-Based Access Control**
- C. Role-Based Authorization Control
- D. Restricted-Budget Access Control

Question No:17

(Marks:1)

Vu-Topper RM

Which encryption algorithm is considered asymmetric encryption technique?

- A. 3DES
- B. AES
- C. RSA**
- D. DES

Question No:18

(Marks:1)

Vu-Topper RM

Which of the following is a common method for user authentication?

- A. All of the given**
- B. Password-based authentication
- C. Multi-factor authentication
- D. Biometric authentication

Question No:19

(Marks:1)

Vu-Topper RM

Which type of cipher replaces each letter with another letter based on a fixed shift value?

- A. One-time pad cipher
- B. Rail fence cipher
- C. Caesar cipher**
- D. Vigenere cipher

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نیک صحبت بہتر ہے

For More Help Contact What's app 03224021365

Question No:20

(Marks:1)

Vu-Topper RM

Which access control policy is based on comparing security labels with security clearances?

- A. Mandatory access control (MAC)**
- B. Attribute-based access control (ABAC)
- C. Role-based access control (RBAC)
- D. Discretionary access control (DAC)

Question No:21

(Marks:1)

Vu-Topper RM

Which of the following processes verify the identity of a user?

- A. Access control
- B. Accounting
- C. Authorization
- D. Authentication**

Question No:22

(Marks:1)

Vu-Topper RM

Nessus originated in _____.

- A. 2005
- B. 1998**
- C. 2010
- D. 1995

Question No:23

(Marks:1)

Vu-Topper RM

Which encryption algorithm is based on modular exponentiation?

- A. RSA**
- B. AES
- C. 3DES
- D. DES

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نیک صحبت بہتر ہے

For More Help Contact What's app 03224021365

Question No:24

(Marks:1)

Vu-Topper RM

How is the score for a CVE derived?

- A. By calculating the financial impact of the vulnerability
- B. By evaluating a set of metrics using the Common Vulnerability Scoring System (CVSS)**
- C. By conducting penetration testing on the affected systems
- D. By assessing the reputation of the affected software or hardware vendor

Question No:25

(Marks:1)

Vu-Topper RM

What is the purpose of a digital certificate in public-key cryptography?

- A. Key generation
- B. Key Management
- C. Encryption
- D. Authentication**

Question No:26

(Marks:1)

Vu-Topper RM

_____ is the main advantage of using 3DES over DES for encryption.

- A. Faster encryption speed
- B. Shorter key length
- C. Simplified design
- D. Improved resistance against brute-force attack**

Question No:27

(Marks:1)

Vu-Topper RM

Which Qualys feature is used to assess the compliance of systems against specific security policies?

- A. Policy compliance scanning**
- B. Asset discovery; find and organize hosts
- C. Qualys Secure Seal for websites

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نیک صحبت بہتر ہے

For More Help Contact What's app 03224021365

D. Continuous monitoring service

Question No:28

(Marks:1)

Vu-Topper RM

There are _____ steps of vulnerability management life cycle.

- A. 9
- B. 5
- C. 8
- D. 7**

Question No:29

(Marks:1)

Vu-Topper RM

What is the purpose of a Feistel Network in symmetric encryption?

- A. Key generation
- B. Encryption and decryption**
- C. Key distribution
- D. Digital signatures

Question No:30

(Marks:1)

Vu-Topper RM

IAM is primarily used for managing access to:

- A. Enterprise applications and data
- B. Cloud services**
- C. Network infrastructure
- D. User accounts

Question No:31

(Marks:1)

Vu-Topper RM

Which type of attack involves trying every possible key until the correct one is found?

- A. Dictionary attack
- B. Phishing attack
- C. Social engineering attack

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نيك صحبت بہتر ہے

For More Help Contact What's app 03224021365

D. Brute force attack

Question No:32

(Marks:1)

Vu-Topper RM

AAA stands for:

- A. Access and Authorization Audit
- B. Access and Accounting Audit
- C. Authentication, Audit, and Access control

D. Authentication, Authorization, and Accounting

Question No:33

(Marks:1)

Vu-Topper RM

Which type of encryption uses different keys for encryption and decryption?

- A. Asymmetric encryption**
- B. Symmetric encryption
- C. Steganography
- D. Hashing

Question No:34

(Marks:1)

Vu-Topper RM

What is the purpose of access control?

- A. Granting or denying access to resources**
- B. Tracking resource consumption
- C. Verifying the identity of a user
- D. Enforcing policies

Question No:35

(Marks:1)

Vu-Topper RM

Which type of cipher uses a keyword to encrypt plaintext?

- A. One-time pad cipher
- B. Rail fence cipher
- C. Caesar cipher
- D. Vigenere cipher**

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نیک صحبت بہتر ہے

For More Help Contact What's app 03224021365

Question No:36

(Marks:1)

Vu-Topper RM

Which type of attack involves using a pre-computed table to crack passwords?

- A. Brute force attack
- B. Social engineering attack
- C. Rainbow table attack**
- D. Dictionary attack

Question No:37

(Marks:1)

Vu-Topper RM

What is cryptography?

- A. The art of public speaking
- B. The art of music composition
- C. The art of painting
- D. The art of secret writing**

Question No:38

(Marks:1)

Vu-Topper RM

Which type of encryption uses the same key for both encryption and decryption?

- A. Hashing
- B. Asymmetric encryption
- C. Steganography
- D. Symmetric encryption**

Question No:39

(Marks:1)

Vu-Topper RM

Which type of cipher uses a random key that is only used once?

- A. Caesar cipher
- B. Rail fence cipher
- C. Vigenere cipher
- D. One-time pad cipher**

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نيك صحبت بہتر ہے

For More Help Contact What's app 03224021365

Visit My YouTube Channel
For Subjective and More
Important Files
Channel Name = #VuTopperRM

برى صحبت سے تتهائى بهتر هے اور تتهائى سے نيك صحبت بهتر هے

For More Help Contact What's app 03224021365