

# Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020)

Course Name - Network Security

Course Code - BHN602\_BHN602(BL)

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Answer all the questions. Each question carry one mark.

9. 1. In Message Confidentiality, transmitted message must make sense to only intended

*Mark only one oval.*

Receiver

Sender

Modular

Translator

10. 2. A session symmetric key between two parties is used

*Mark only one oval.*

- Only once
- Twice
- Multiple times
- Conditions dependent

11. 3. Encryption and decryption provide secrecy, or confidentiality, but not

*Mark only one oval.*

- Authentication
- Integrity
- Privacy
- All of these

12. 4. When data must arrive at receiver exactly as they were sent, its called

*Mark only one oval.*

- Message Confidentiality
- Message Splashing
- Message Integrity
- Message Sending

13. 5. In cryptography, what is a cipher?

*Mark only one oval.*

- Algorithm for performing encryption and decryption
- Encrypted message
- Key
- Decrypted message

14. 6. The RSA public key encryption algorithm was developed by\_\_\_.

*Mark only one oval.*

- John
- Mohammed
- Schildt
- Rivert

15. 7. We use Cryptography term to transforming messages to make them secure and immune to

*Mark only one oval.*

- Change
- Idle
- Attacks
- Defend

16. 8. In Cryptography, original message, before being transformed, is called

*Mark only one oval.*

- Simple Text
- Plain Text
- Empty Text
- Filled Text

17. 9. In symmetric key cryptography, key used by sender and receiver is

*Mark only one oval.*

- shared
- different
- two keys are used
- None of these

18. 10. Keys used in cryptography are

*Mark only one oval.*

- secret key
- private key
- public key
- All of them

19. 11. Which one of the following is an active attack ?

*Mark only one oval.*

- Masquerade
- Traffic analysis
- Eavesdropping
- Shoulder surfing

20. 12. Which one of the following is a passive attack ?

*Mark only one oval.*

- Masquerade
- Traffic analysis
- Replay attack
- DoS

21. 13. Key used in the symmetric key cryptography is called

*Mark only one oval.*

- Public key
- Session key
- Permanent key
- Secret key

22. 14. In ..... attacks, there is no modification to message contents.

*Mark only one oval.*

- passive
- active
- both (passive) and (active)
- None of these

23. 15. What is a common technique for masking contents of messages or other information traffic so that opponents cannot extract the information from the message?

*Mark only one oval.*

- integrity
- analysis
- masquerade
- encryption

24. 16. What is the term used for the secret key for symmetric encryption that is generated for use for a short period of time?

*Mark only one oval.*

- stream key
- session key
- strategic key
- sequence key

25. 17. Which attacks make computer systems inaccessible by flooding servers, networks, or even end user systems with useless traffic so that legitimate users can no longer gain access to those resources?

*Mark only one oval.*

- Blacklisting attacks
- DDoS
- Flooding attacks
- Spoofing attacks

26. 18. Message \_\_\_\_\_ means that the sender and the receiver expect privacy

*Mark only one oval.*

- integrity
- confidentiality
- nonrepudiation
- authentication

27. 19. MAC stands for

*Mark only one oval.*

- Message authentication cipher
- Message authentication control
- Message arbitrary connection
- Message authentication code



28. 20. What is the data encryption standard (DES)?

*Mark only one oval.*

- stream cipher
- bit cipher
- block cipher
- None of these

29. 21. DES encrypts data in block size of \_\_\_\_\_ bits each.

*Mark only one oval.*

- 128
- 256
- 56
- 64

30. 22. Data Encryption Standard (DES), was designed by

*Mark only one oval.*

- Intel
- IBM
- HP
- Sony

31. 23. In Asymmetric-Key Cryptography, although RSA can be used to encrypt and decrypt actual messages, it is very slow if message is

*Mark only one oval.*

- Short
- Long
- Flat
- Thin

32. 24. Digital signature provides \_\_\_\_\_.

*Mark only one oval.*

- Authentication
- Nonrepudiation
- Integrity
- Both (Authentication) & (Nonrepudiation)

33. 25. A \_\_\_\_\_ function creates a message digest out of a message.

*Mark only one oval.*

- Encryption
- Decryption
- Hash
- Normalization

34. 26. What is the PGP stand for?

*Mark only one oval.*

- Permuted Gap Permission
- Permuted Great Privacy
- Pretty Good Permission
- Pretty Good Privacy

35. 27. Key distribution often involves the use of \_\_\_\_\_ which are generated and distributed for temporary use between two parties.

*Mark only one oval.*

- session keys
- private key certificates
- public key certificates
- master keys

36. 28. VPN stands for –

*Mark only one oval.*

- Visual Performance Node
- Virtual Post Node
- Virtual Post Network
- Virtual Private Network

37. 29. The full form of SSL is

*Mark only one oval.*

- Serial Session Layer
- Session Secure Layer
- Series Socket Layer
- Secure Socket Layer

38. 30. Which of the following uses encryption to create a secure pathway to transmit data?

*Mark only one oval.*

- Encryption tunnel
- Virtual Private Network (VPN)
- Demilitarized Zone
- None of these

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