

1)Interception causes loss of message\_\_\_\_\_

- A. Authentication
- B. Fabrication
- C. Access control
- D. confidentiality.

2)Traffic Analysis is a type of \_\_\_\_\_attack.

- a. DOS
- b. passive
- c. active
- d. application

3)\_\_\_\_\_ puts the availability of resources in danger

- a. non repudiation
- b. access control
- c. interruption
- d. modification

4)\_\_\_\_\_ia a combination of cryptography and cryptanalysis.

- a. Cryptology
- b. network security
- c. encryption
- d. Graphoanalysis

ans:a:Cryptology

5)\_\_\_\_\_ is a technique that facilitates hiding of a message that is to be kept secret inside other messages.

- a. Encryption
- b. DES
- c. steganography
- d. cryptology

6) In \_\_\_\_\_, the plain text is encrypted one bit at a time.

- a. stream cipher
- b. block cipher
- c. binary cipher
- d. octal cipher

7) A \_\_\_\_\_ does not perform any destructive actions and instead only consumes System resources to bring it down.

- a. worm
- b. Trojan horse
- c. virus
- d. Anti-virus

8) Caesar cipher is an \_\_\_\_\_ techniques

- a. weak
- b. substitution
- c. transposition
- d. strong

9) Any action that compromises the security of information owned by an organization is \_\_\_\_\_

- A. Security attack

- B. Security mechanism
- C. Security service
- D. Virus

10) \_\_\_\_\_ is possible in absence of proper authentication mechanism.

- A. Fabrication
- B. Interruption
- C. Modification
- D. Access control

11) Input message in Cryptography is called

- A. Plain text
- B. Cipher Text
- C. Plain and cipher
- D. None of the above

12. Kerberos is an authentication scheme that can used to implement

- A. Public key cryptography
- B. Digital signature
- C. Hash function
- D. Single sign on

13. If an efficient algorithm for factoring large number is discovered which of this following schemes will be known to be not secure?

- A. AES
- B. Diffie-Hellman
- C. RSA
- D. El Gammal

14. Masquerade attack is another name of:

A. Virus attack

B. Spoofing

C. DOS attack

D. Trojan Horse

15. The input block length in AES is:

A. 56 bits

B. 64 bits

C. 112 bits

D. 128 bits