

Multiple Choice Questions

9.1 Suppose you leave your PC connected to internet all the time. Some one has decided to use your PC's processor cycles for some of his work which is computationally intensive. If we regard this as a breach of security which way would you classify it:

- a. Disclosure of information
- b. Compromising integrity of the PC
- c. Denial of service attack

9.2 Passport spoofing can be regarded as follows:

- a. Active misuse
- b. Indirect abuse
- c. By passing the internal controls
- d. Virus
- e. Active authority misuse

9.3 A compiler planted attack is regarded as

- a. A pest program
- b. Use of facility for a purpose different from one intended
- c. Trojan horse attack
- d. Logic bomb

9.4 What consideration should go into choosing a pass-word

- a. It should be short and easy to remember word
- b. It should be long and difficult word
- c. It should be difficult to guess or synthesize but easy to recall
- d. It should be an unusual combination of alphabets, digits and special characters which may be changed frequently.

9.5 On a network the r series of remote operations command are:

- a. Quite secure as the NW infrastructure provides authentication and access control.
- b. Is insecure as the encryption algorithm used is simple and can be cracked easily.
- c. Is insecure because the authentication for access happens in clear text.

9.6 The DES is a symmetric encryption / decryption procedure

- a. True
- b. False

9.7 The public key encryption system is useful for:

- a. Only bulk data transfer
- b. For authentication as well as bulk data transfer
- c. Mostly for symmetric key exchange

9.8 When a browser is used for web access:

- a. The same key is used for every web access
- b. Once a computer is authenticated it can repeatedly use the key as long as the power is on
- c. A different session key is generated for each separate connection.
- d. It is the responsibility of the internet service provider to ensure the connection.

9.9 Use of the access control list does not offer a fine grain access control

- a. True
- b. False

9.10 The RSA algorithm can transfer data as efficiently as DES

- a. True
- b. False