Course Name: ETHICAL HACKING
Assignment- Week 0
TYPE OF QUESTION: MCQ/MSQ/SA

Number of questions: 10

QUESTION 1:

Which of the following Linux command can be used to view network configuration?

       a. ipconfig
       b. ifconfig
       c. ls
       d. cd
       e. None of these

Correct Answer: b

Detailed Solution: In Linux based system ifconfig command is used to check network configuration.

QUESTION 2:

Which of the following application(s) is/are used to secure personal laptop/desktop?

       a. Antivirus
       b. Virus
       c. Malware
       d. Firewall

Correct Answer: a, d

Detailed Solution: Antivirus applications are used to secure personal laptops/desktops. You can also secure your system by installing a firewall software.

QUESTION 3:

Port number used by HTTPS is ………….

Correct Answer: 443

Detailed Solution: HTTPS uses port number 443.

QUESTION 4:

Which of the following is/are network layer protocol(s)?

        a. UDP
        b. TCP
        c. IP
        d. Ethernet

Correct Answer: c

Detailed Solution: Ethernet is data link layer protocol, IP is network layer protocol, UDP and TCP are transport layer protocols.

QUESTION 5:

In IPv4, the number of bits used in IP address is …………..

Correct Answer: 32

Detailed Solution: IP4 uses 32 bits for the IP address.

QUESTION 6:

Which of the following command(s) can be used to check the reachability of one system from another?

        a. ping
        b. ifconfig
        c. ls
        d. mkdir
        e. None of these

Correct Answer: a

Detailed Solution: By using ping command we can check if any system is reachable or not.

QUESTION 7:

Swap space is used as an extension of RAM in Linux based system.

     a. True
     b. False

Correct Answer: True

Detailed Solution: Swap space is used to store the data of executing programs if RAM does not have enough capacity. Thus the statement is true.

QUESTION 8:

Which class of IP address has the most host addresses available by default?

     a. A
     b. B
     c. C

Correct Answer: a

Detailed Solution: Class A IP address provides maximum number of host addresses ($2^{24} - 2$).

QUESTION 9:

Which of the following is/are example of social engineering attacks?

     a. Phishing
     b. Baiting
     c. Vishing

Correct Answer: a, b, c

Detailed Solution: (a) Phishing is a cyber-attack that uses disguised email/sms as a weapon. The goal is to trick the email recipient into believing that the message is something they want or need (b) Baiting involves luring an unsuspecting victim with a highly attractive offer playing on fear, greed and temptation to make them part with their personal sensitive data like log-in details. (c) Voice phishing, or vishing, is the use of telephony to conduct phishing attacks. All the methods belong to social engineering attacks.

QUESTION 10:

Which of the following is a broadcast device?

      a. Hub
      b. Switch
      c. Router
      d. None of these

Correct Answer: a

Detailed Solution: Hub is a networking device used to connect multiple devices in a network; when any data arrives to any of the port of hub, it simply broadcasts to all other ports.

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