ASSIGNMENT MODULE 6 : Network security, maintenance and troubleshooting procedures

SECTION : 1 Multiple choice

1 : What is the primary purpose of a firewall in aa network security infrastructure ?

Ans : Filtering and controlling network traffic

2 : What type of attack involves flooding a network with expensive traffic to disrupt normal operation ?

Ans : Denial of service

3: Which encryption protocol is commonly used to secure wireless network communication ?

Ans : WPA (wi-fi protected accses)

4 : What is the purpose of VPN in a network security context ?

Ans : The create a secure encrypted connection over a lower safe network and protects data and user’s computer is called VPN network.

SECTION : 2

TRUE / FALSE

5 : True/false Patch management is the process of regularly updating software and firmware to address security vulnerabilities and improve system performance.

Ans : True

6 : True/false A network administrator should perform regularly backups of critical data is the event of hardware faaailure , disaster or security breaches .

Ans : True

7 : True/false Trace route is a network diagnostic tool used to identify the route and the measure the latency of data packets between a source and destination device.

Ans : True