

(2a)

Question.....

Step 1 :- Documentation, that is document or write down the list of tools needed.

Step 2 :- Analysis :- Analyse all the Output needed.

Step 3 :- Make the list of Outcome of the Vulnerability

Step 4 :- Document the Output, Make report of the Output to the Stakeholder.

Step 5 :- fix the vulnerabilities.

(26)

- ① The IoT threats
- ② 5G Network
- ③ Attack think Globally but act locally
- ④ Office and home Security
- ⑤ Wi-Fi Protected Access 3. (WPA3)

~~The IoT threats! The Internet of things threats are the~~

The IoT threats! - Internet of things is the system of Internet Connected Objects, ~~which~~ that can collect and transfer data over a wireless network without human intervention. In the process of collecting and transferring data with IoT in an organization a virus or malicious software might have been transferred.

② 5G Network! - Most Organizations are moving to 5G network without having the full knowledge on how to operate. ~~With~~ the ignorance of that vulnerabilities can have access to their system.

③ Office and home Security! - Because of technology and the use of Smart Phones is now comfortable in every organization, employee

think he/she can connect to office network with their Smart Phones. Which can easily approve malicious code while using Public wifi.

(ii) Attackers think globally but act locally:- With the fact that many attackers or cyber criminals act globally makes every information security people work towards the technology advancement meanwhile the attackers are acting locally.

(iii) Fake Wifi Protected Access 3:-

Lot of people think they can connect to any wifi with a passcode. Meanwhile, most public wifi is usually connected with malicious code-

(a) Mobile Security has always been an issue with enterprise security because of rise in mobile phones vulnerabilities, Physical threat is also one of the mobile phones vulnerabilities which is preventing the enterprise to have proper secure of their organization.

(2c)

Packet filtering is the real and the main type of firewall. It can be found in the network layer of OSI model. It identifies the source and destination IP addresses as well as the source and destination of port numbers. While Circuit gateways is the type of firewall that can be found in session layer of OSI model.