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182027/19
TECMPN A

CSS – IAT 2

Q3)
b.

WORMS	VIRUS
1. A form of malware that replicates itself and can spread to different computer via network.	1. A virus is a malicious executable code attatched to another executable file which can be harmless or can modify or delete data
2. The main objective of worms to eat the system resources	2. The main objective of virus is to modify the information
3. less harmful as compared to virus	3. More harmful than worms
4. worms can be controlled by remote	4. virus cannot be controlled by remote
5. worns are execute via weakness in system	5. viruses are executed via executable files
6. Worms can be detected and removed by the antivirus and firewall	6. Antivirus software used for protection against the virus.
7. Does not need human action to replicate	7. Needs human action to replicate

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Various types of virus

① File infecting virus

A virus that attached itself to an executable program. It is also called a parasitic virus which typically infects files with .exe or .com extensions

② Macro virus

This type of virus is commonly found in programs such as microsoft word or Excel. These viruses are usually stored as part of a document and can spread when the files are transmitted to other computers

③ Browser Hijacker

This virus targets and alters your browser setting. It is often called a browser redirect virus because it redirects your browser to other harmful websites

④ Web scraping virus

Targets popular websites. This virus overwrites code on a website and insert links that can install malicious software on your device

⑤ Boot sector virus

These virus are common when computers are booted from Floppy disks. Today's the virus is found in other forms of physical media devices

⑥ Resident virus

This virus stores itself on your computer's memory

which allows it to infect files on your computer. This virus can interfere with your OS leading to file and program corruption

⑦ Polymorphic Virus

This virus has the capacity to evade anti-virus programs since it can change codes everytime

⑧ Multipartite Virus

Very infectious and can easily spread on your computer system. It can infect multiple parts of a system including memory files etc.