Viruses – Prevention & Maintenance

## IT Security

1. What are the ***ultimate goals*** of IT Security?
2. How do ***IT attacks*** affect security?
3. How can we as ***individuals*** and ***organisations*** protect ourselves against IT attacks?

## Diagnostics & Maintenance

1. What are ***three*** types of tools we can use to collect ***diagnostic information*** and ***manage the maintenance*** of our ICT systems?

## Anti-Virus Software

1. What’s the ***primary purpose*** of anti-virus software?
2. Name ***two*** types of ***anti-virus software*** and the Operating Systems they are used with

## Firewalls

1. ***What is a Firewall*** with respect to ICT systems?
2. What do Firewalls aim to ***do and prevent***?

## User Accounts

1. What’s the difference between a ***Basic User Account*** and an ***Administrator Account***? What can each do?
2. What is ***User Account Control***, and what’s it used for?

## IT Security Awareness

1. What makes for a good IT security awareness program?

## Research Topic

1. Research an alternative ***anti-virus software*** not discussed in the class lectures
   1. Identify the Operating System(s) it’s used with
   2. Is it open-source or proprietary
   3. What’s it’s primary usage? What does it aim to do?
   4. How is it updated? How does it keep its virus definitions up-to-date?