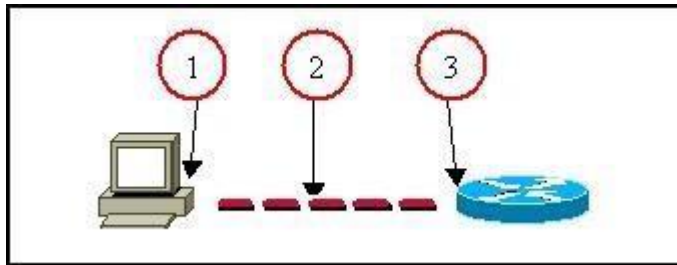


## IT2050 - Computer Networks 2<sup>nd</sup> Year, 1<sup>st</sup> Semester

### Tutorial 1

1. ABC Company just purchased three new routers to start their company network. Which items are needed to establish a terminal session between a PC and the router for the initial configuration?



1. RS 232 Port
  2. Console cable
  3. Console port
2. State the methods to log to a router.  
Console  
Auxiliary (AUX)  
Telnet
  3. Explain the main modes found in the process of configuring the router.  
User EXEC Mode  
Privileged EXEC Mode  
Global Configuration Mode
  4. State the two ways to retrieve previously used commands.  
“show history” command [Privileged Mode] , “do show history” command [Global Configuration Mode]  
Use up and down arrow keys
  5. How do you configure passwords for privilege mode?  
enable password <PASSWORD>  
enable secret <PASSWORD>  
Which password takes precedence?  
Secret password takes the precedence.
  6. What are the functions of the **RAM**?  
Stores running / current configuration file.  
Acts as a working storage.

7. Which keystrokes can be used to return to the privileged mode from the interface configuration mode?  
Ctrl + Z  
Type "exit" two times.
8. Which router component holds the configuration file when power is lost?  
NVRAM
9. How do you view the current configuration of the router?  
"show running-config" [ In Privileged Mode]
10. State the method of making a permanent copy of the configurations.  
"copy running-config startup-config" [In Privileged Mode]