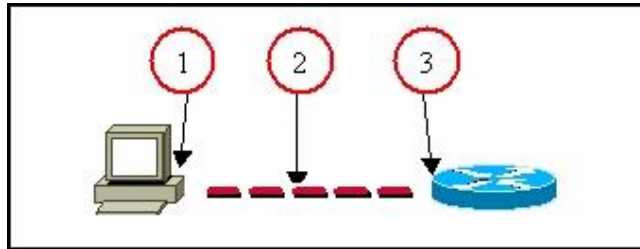**Computer Networks**
2ⁿᵈ Year, 1ˢᵗ Semester
2020

Tutorial 1 – Sample Answers

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. RS232 / RJ-45 to DB-9 Adapter connected to Serial Port of PC
2. Console / Rollover Cable
3. Console Port of the Router
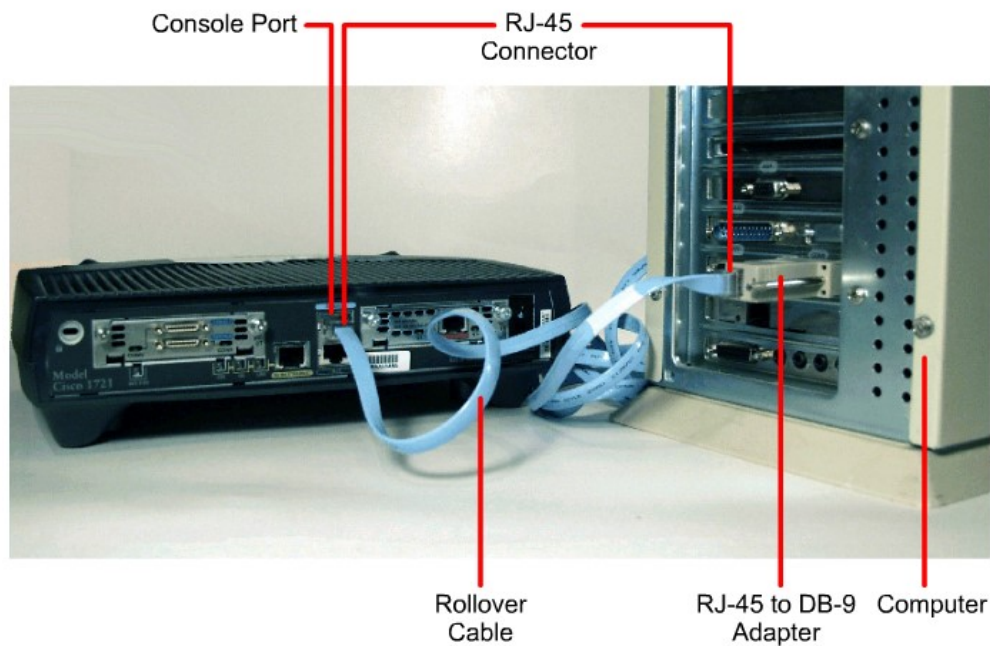
2. State the methods to log to a router.
   - Console
   - Auxiliary
   - Telnet

3. Explain the main modes found in the process of configuring the router.

   User Mode
   Priviledge Mode
   Global Configuration Mode

4. State the two ways to retrieve previously used commands.

   Press the Up arrow Key
   Show History Command

5. How do you configure passwords for privilege mode?

   Normal Password
   Router(config)#enable password SLIIT

   Secret Password
   Router(config)#enable secret Malabe

   Which password takes precedence?
   Secret Password

6. What are the functions of the **RAM**?
   Store the Startup configutation Files

7. Which keystrokes can be used to return to the privileged mode from the interface configuration mode?
   Ctrl + Z

8. Which router component holds the configuration file when power is lost?
   NVRAM

9. How do you view the current configuration of the router?
   Router#show Running-Config

10. State the method of making a permanent copy of the configurations.
    Save the running-config File of the router to Startup-config file