**Mobile Networking Configurations and Settings using CISCO Packet Tracer**

1. You are required to take a before and after screenshot as well as a screenshot of the setting you change for each of the following tasks. Using CISCO Packet Tracer insert a WRT300N Router and a smart devices(smart phones).
2. Rename the router using your initials, an underscore and the word characters R1 (eg ROC\_R1).
3. Rename one of the smart devices (eg ROC\_M1)
4. Provide a screenshot displaying the Wifi on and another with the Wifi off on both smart devices.
5. Provide a screenshot showing the DHCP settings.
6. Increase the security level by changing the settings to WPA2 and add the following pass phrase (ROC\_Password1) and ensure a screenshot is provided as evidence.
7. Set the encryption type to AES and provide a screenshot displaying the adjusted settings.
8. Type the MAC address of all devices in Word.
9. Change the setting to block the MAC address of ROC\_Mobile2 and provide a screenshot as evidence showing the MAC address settings changed..
10. Provide a screenshot showing the amount of available memory on your mobile.
11. Turn the Wifi on and provide a screenshot on your personal mobile.
12. Connect to the CSN Student network via Wifi and provide a screenshot as evidence of connecting to same.
13. Download the Google Earth app and provide a screenshot displaying same.
14. Run the app and provide a screenshot of the app running on your mobile.
15. Type a word document outlining the steps you carried out including settings you changed for each task above. Screenshots must be provided as evidence for each task also. Print this document.