Practical 8

AIM:-

b) Configuration of Wireless LAN using CISCO Packet Tracer.

Procedure:

1. Click Network Devices from below, click Wireless Network devices, Select wireless router in centre.
2. Click End devices and add 3Pc's top of the router.
3. Click router → GUI tab check given ip address is 192.168.0.1 → click, click disabled and save settings.
4. Come up click wireless → wireless settings , Change network name (SSID) to MyHomeNetwork, Save settings.
5. Come up again, click wireless setting, security mode change to WEP give key1 as 0123456789, Save and close the tab.
6. Click PC1, desktop, Ip configuration
   IP address → 192.168.0.5
   Subnet Mask → 255.255.255.0
   Default gateway → 192.168.0.1, Close the tab
7. Go to PC2, desktop, Ip configuration
   IP address → 192.168.0.6
   Subnet Mask → 255.255.255.0
   Default gateway → 192.168.0.1, Close the tab
8. Go to PC3, desktop, Ip configuration
   IP address → 192.168.0.7
   Subnet Mask → 255.255.255.0
   Default gateway → 192.168.0.1, Close the tab
9. Again click PC1 → Pc wireless → Error will occur → Close the tab.
10. On top go to physical tab → turn off the pc → go down drag the module which is inside and drop it in left side and take WMP300N in the module place and turn on the PC.
11. Go to the desktop tab on the top → PC wireless → Connect → WEP key →0123456789, Connect now when you click link information it will show you have successfully connected. Close the tab.
12. Repeat the process for PC2 and PC3.

**13.** To check the connectivity whether all is connected click any PC , Command Prompt any IP address given during this process → ping 192.168.0.6 and give enter.

OUTPUT: