CL30001 – Computer Networks
Quiz 01

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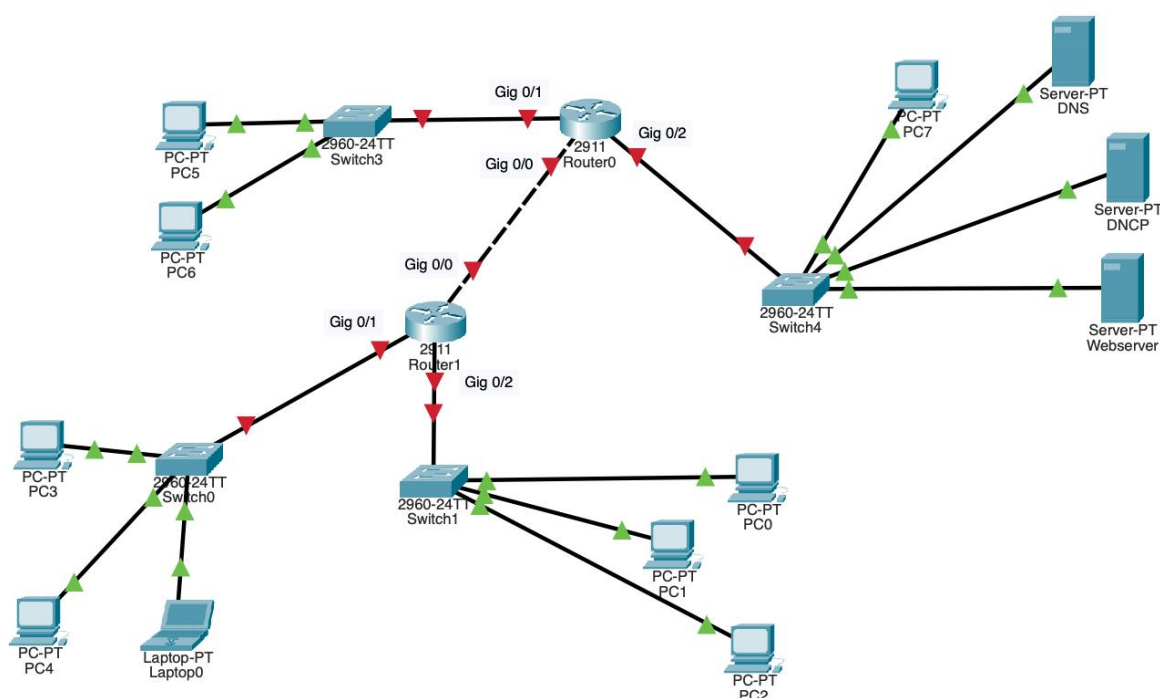
Student Name: _____   **Roll No:** _____

Time Allowed: **30 minutes**   **Total Marks: 20**   **Weightage: 2**

Q1: Consider the following topology and populate the tables:

DHCP Pools:

Pool Name	Default Gateway	DNS	Start IP address	Subnet Mask	Max User
serverPool	192.168.4.1	192.168.6.1	192.168.7.10	255.255.255.0	50
serverPool1	192.168.3.1	192.168.6.1	192.168.3.10	255.255.255.0	50
serverPool2	192.168.2.1	192.168.6.1	192.168.2.10	255.255.255.0	50
serverPool3	192.168.1.1	192.168.6.1	192.168.1.10	255.255.255.0	50

Addressing table:

Device	Interface	Network	Subnet mask	IPv4	Default Gateway	DNS
Router 0	Gig 0/0					
	Gig 0/1	N4	255-----	192.168.4.2	192.168.4.1	192.168.6.1
	Gig 0/2	N3	255---	192.168.3.2	192.168.3.1	192.168.6.1
Router 1	Gig 0/0		same			same
	Gig 0/1	N1				
	Gig 0/2	N2				
DNS	Fa0			192.168.6.1		
DHCP	Fa0			192.168.7.1		
Web server	Fa0			192.168.8.1		
Laptop 0	Fa0					
PC0	Fa0	N2		192.168.2.2		
PC1	Fa0	N2		192.168.2.3		
PC2	Fa0	N2		192.168.2.4		
PC3	Fa0	N1		192.168.1.2		
PC4	Fa0	N1		192.168.1.3		
PC5	Fa0	N4		192.168.4.2		
PC6	Fa0	N4		192.168.4.3		
PC7	Fa0	N3		192.168.3.2		

Static Routes:

Router0:

Router1: