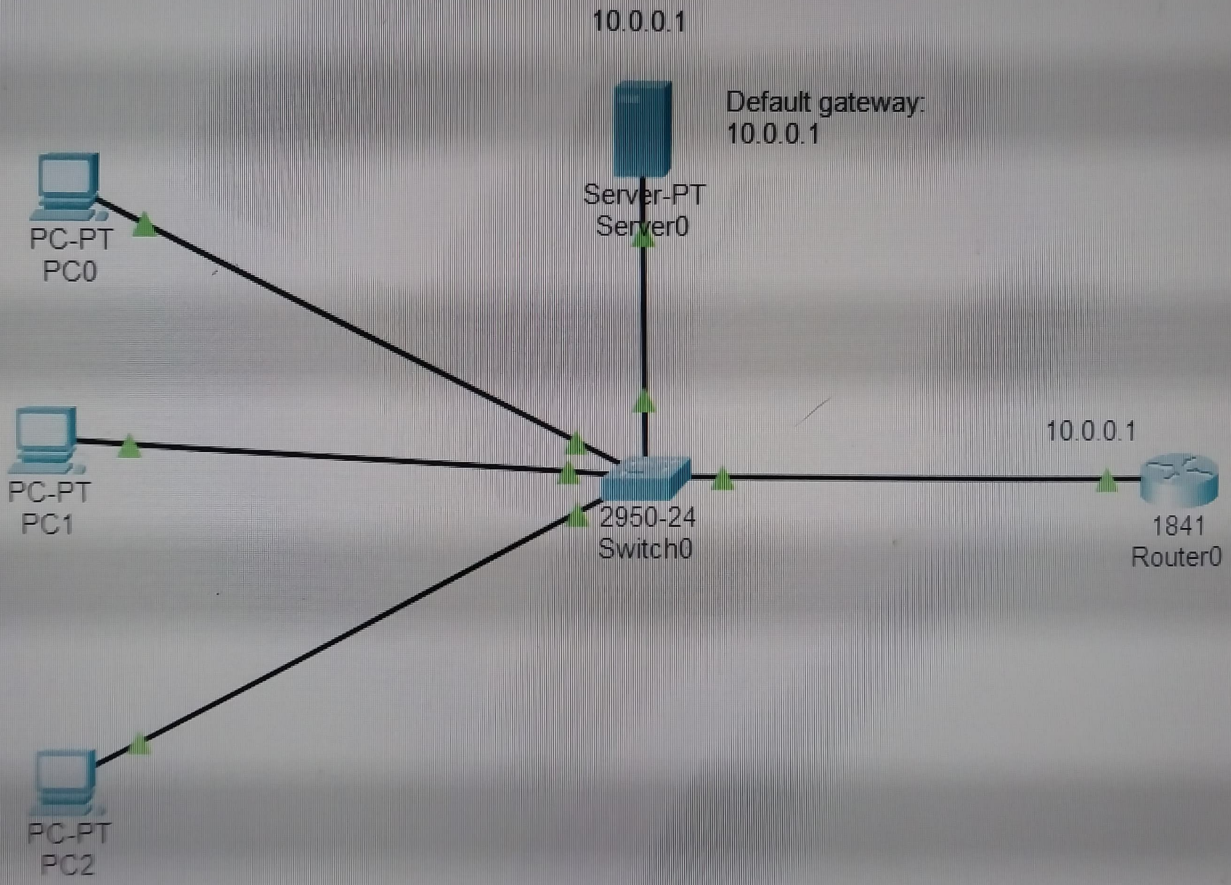
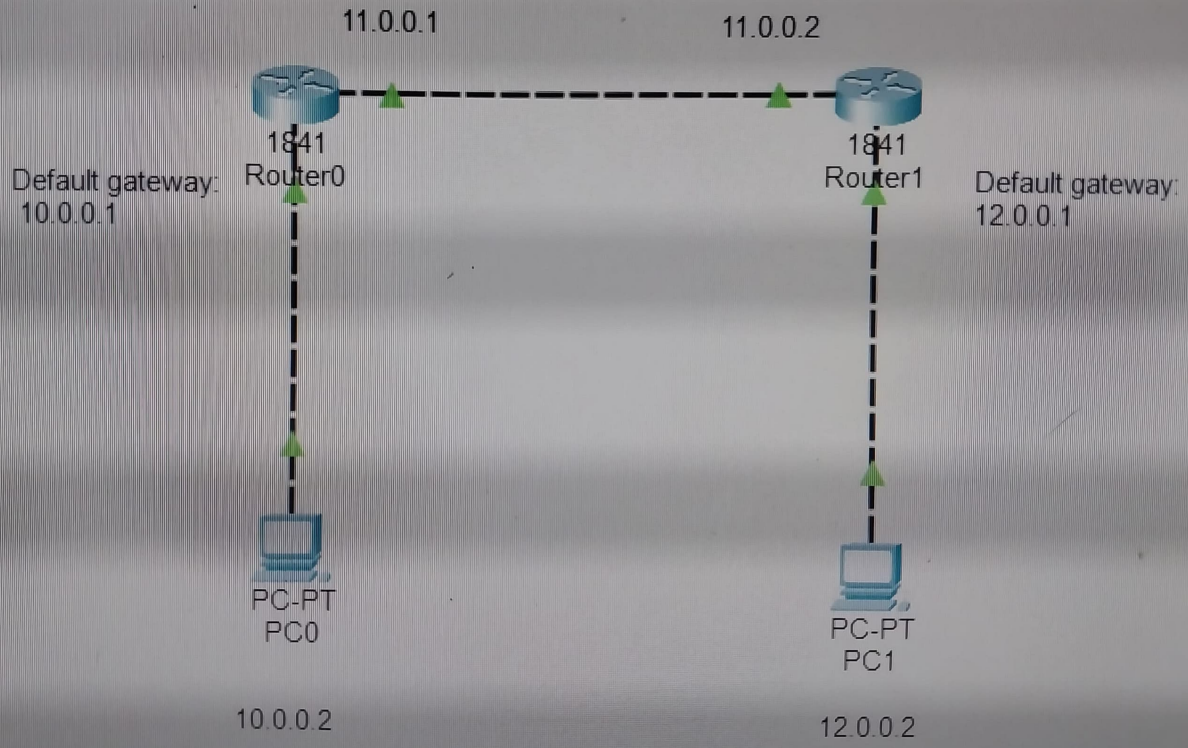
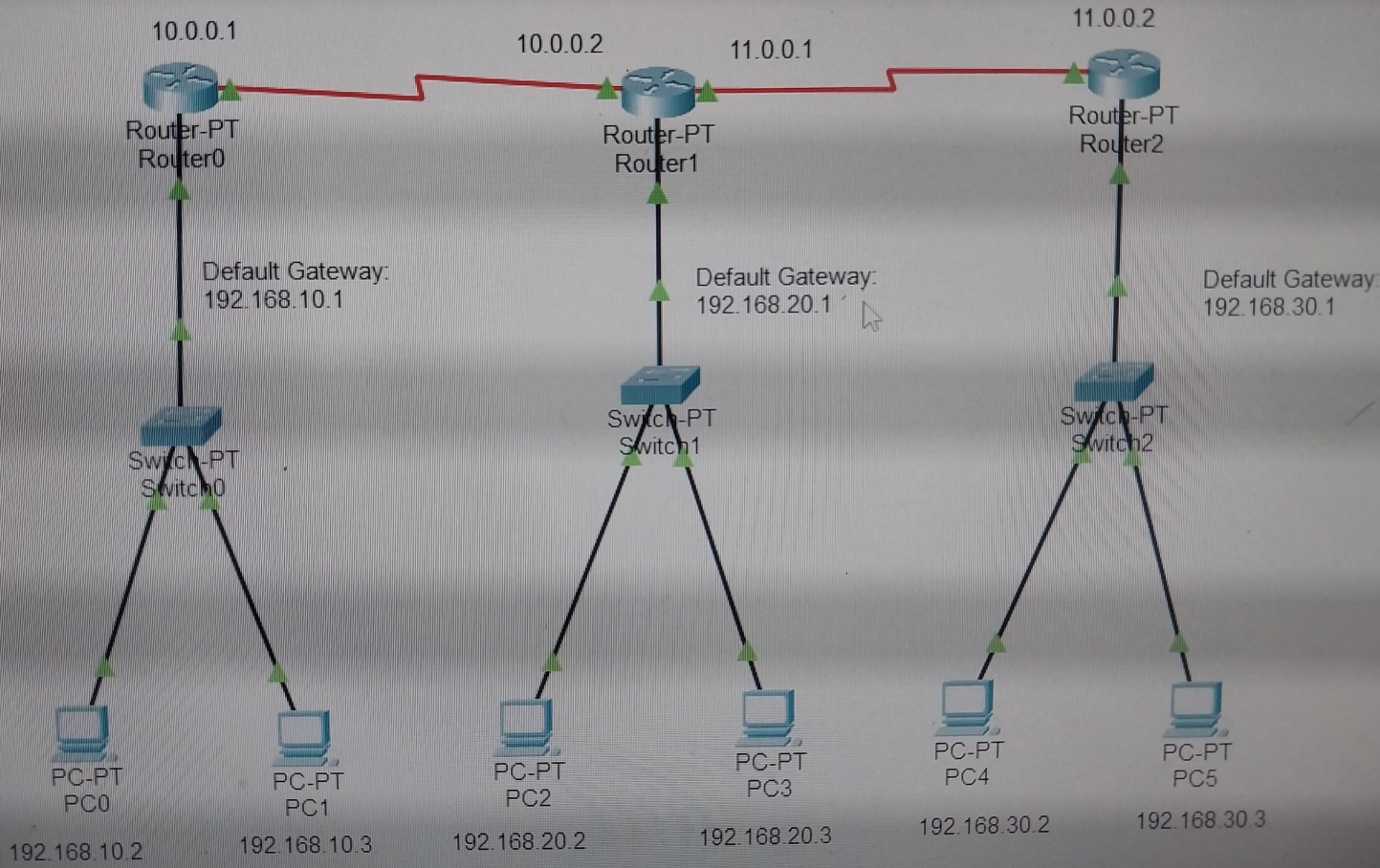
Practical 3


10.0.0.1
Default gateway:
10.0.0.1
Server-PT
Server0
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
2950-24
Switch0
10.0.0.1
1841
Router0

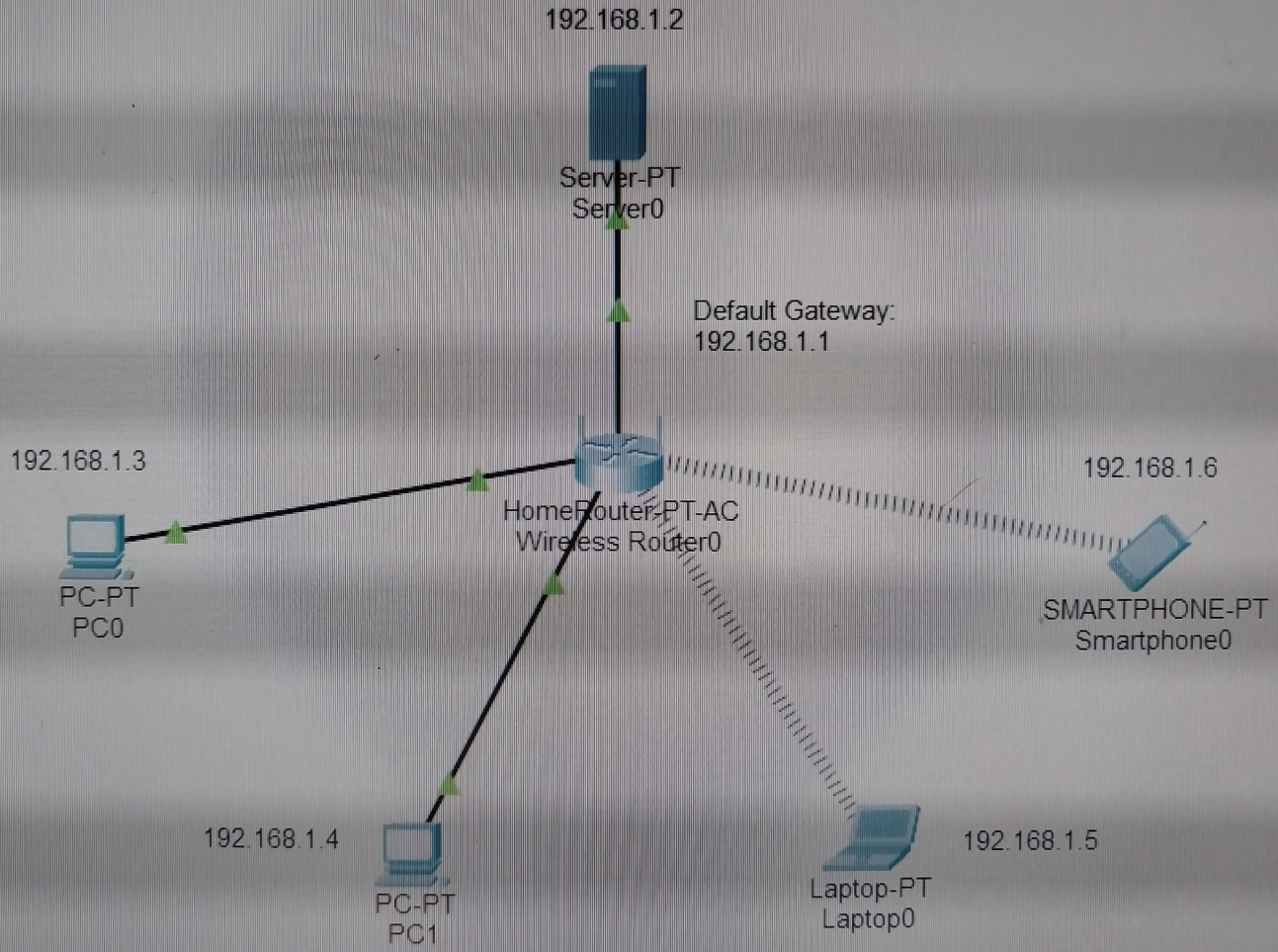
Practical 2

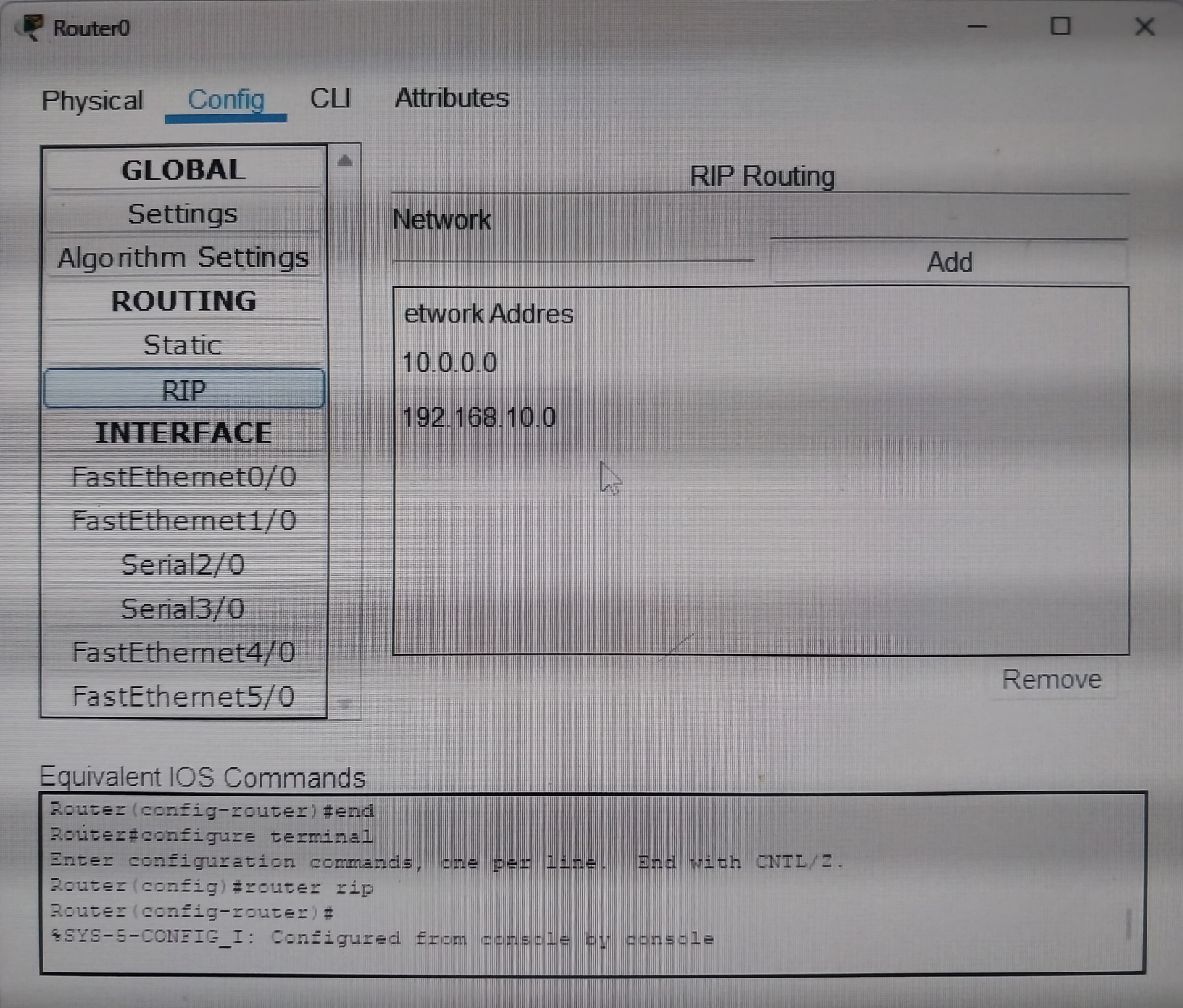

11.0.0.1
11.0.0.2
1841
Router0
1841
Router1
Default gateway:
10.0.0.1
Default gateway:
12.0.0.1
PC-PT
PC0
PC-PT
PC1
10.0.0.2
12.0.0.2

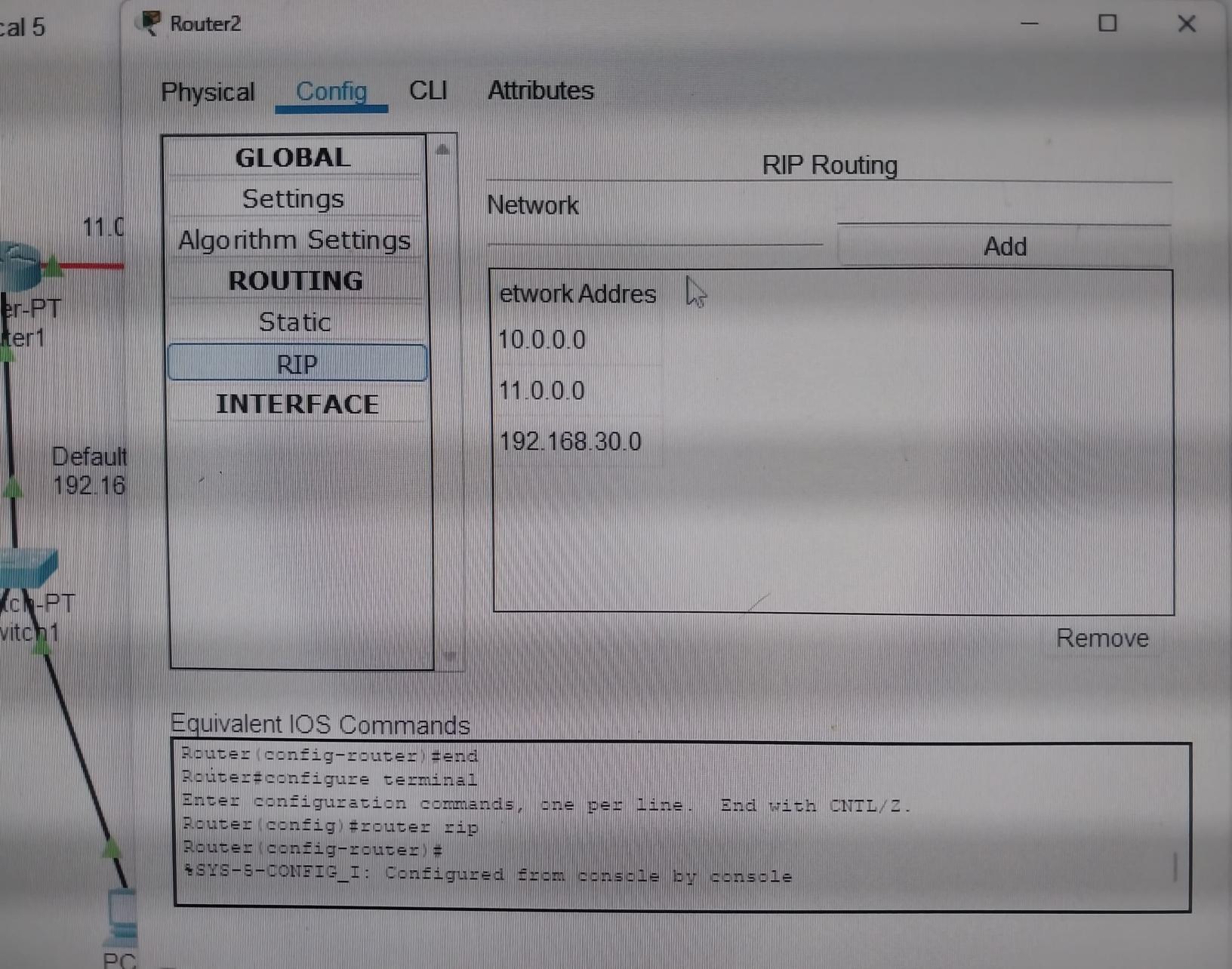
Practical 5

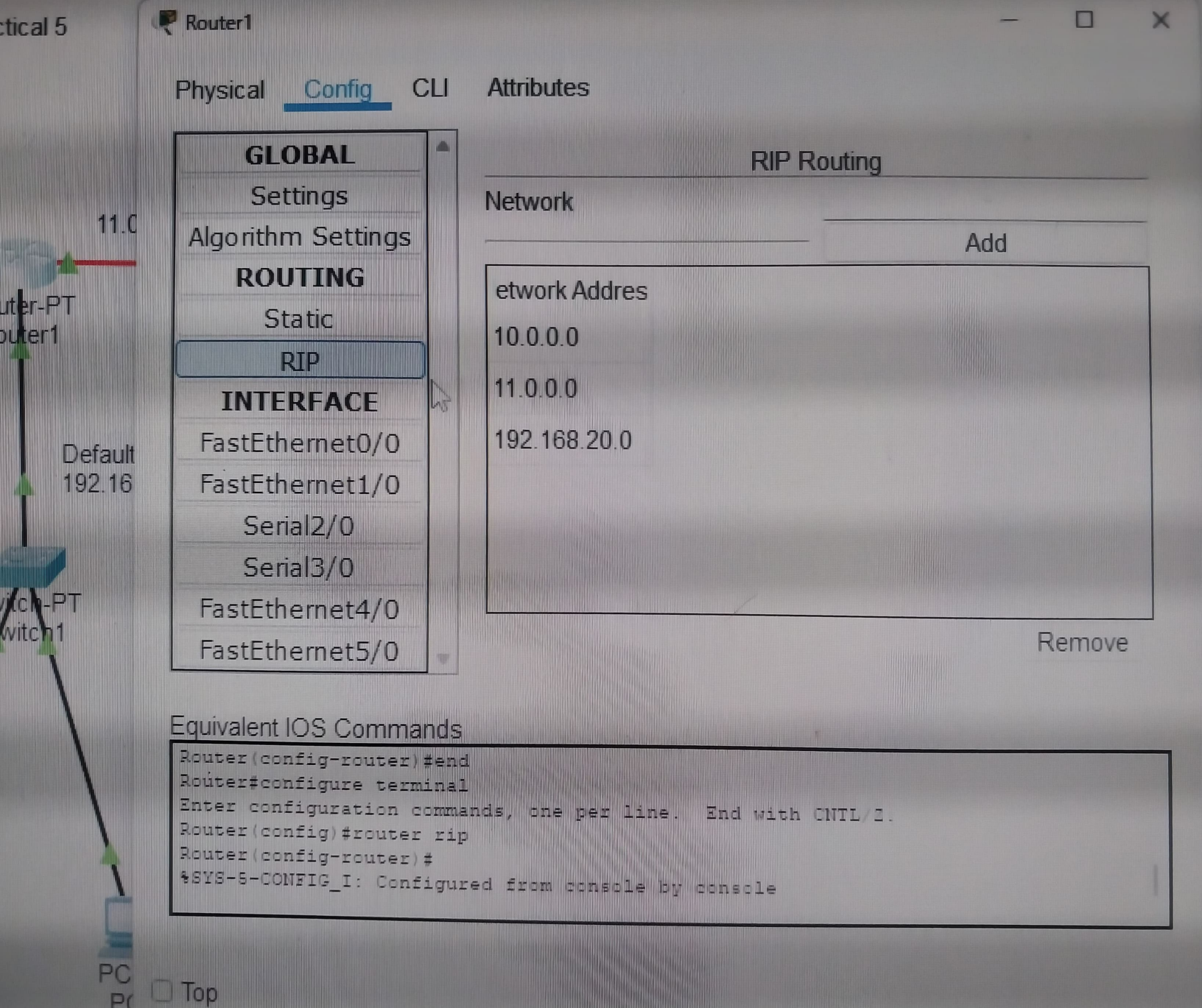

10.0.0.1
10.0.0.2
11.0.0.1
11.0.0.2
Router-PT
Router0
Router-PT
Router1
Router-PT
Router2
Default Gateway:
192.168.10.1
Default Gateway:
192.168.20.1
Default Gateway:
192.168.30.1
Switch-PT
Switch0
Switch-PT
Switch1
Switch-PT
Switch2
PC-PT
PC0
192.168.10.2
PC-PT
PC1
192.168.10.3
PC-PT
PC2
192.168.20.2
PC-PT
PC3
192.168.20.3
PC-PT
PC4
192.168.30.2
PC-PT
PC5
192.168.30.3

Practical 4

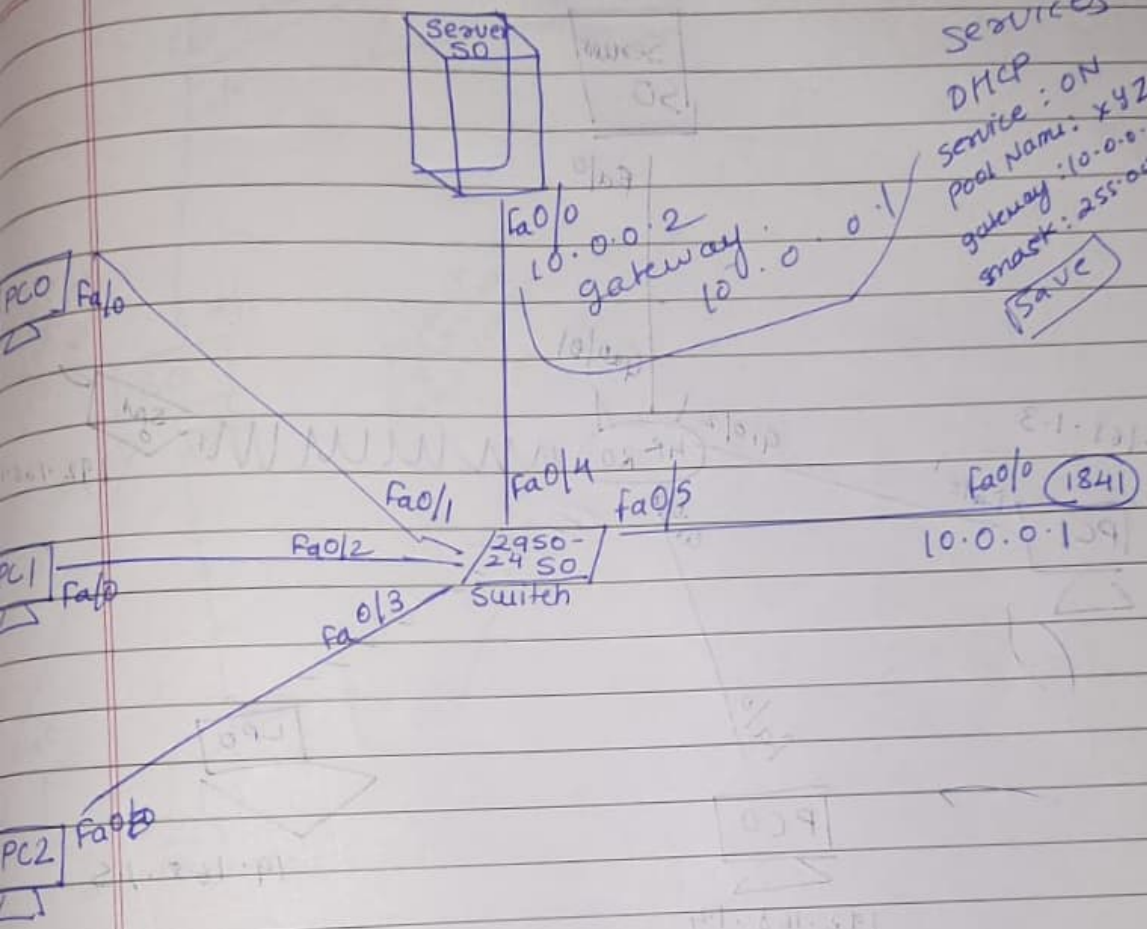

192.168.1.2
Server-PT
Server0
Default Gateway:
192.168.1.1
192.168.1.3
192.168.1.6
HomeRouter-PT-AC
Wireless Router0
PC-PT
PC0
SMARTPHONE-PT
Smartphone0
192.168.1.4
192.168.1.5
PC-PT
PC1
Laptop-PT
Laptop0


Router0
Physical
Config
CLI
Attributes
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
FastEthernet0/0
FastEthernet1/0
Serial2/0
Serial3/0
FastEthernet4/0
FastEthernet5/0
RIP Routing
Network
Add
etwork Addres
10.0.0.0
192.168.10.0
Remove
Equivalent IOS Commands
Router(config-router)#end
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#
%SYS-5-CONFIG_I: Configured from console by console


Router2
Physical
Config
CLI
Attributes
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
RIP Routing
Network
Add
etwork Addres
10.0.0.0
11.0.0.0
192.168.30.0
Remove
Equivalent IOS Commands
Router(config-router)#end
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#
%SYS-5-CONFIG_I: Configured from console by console

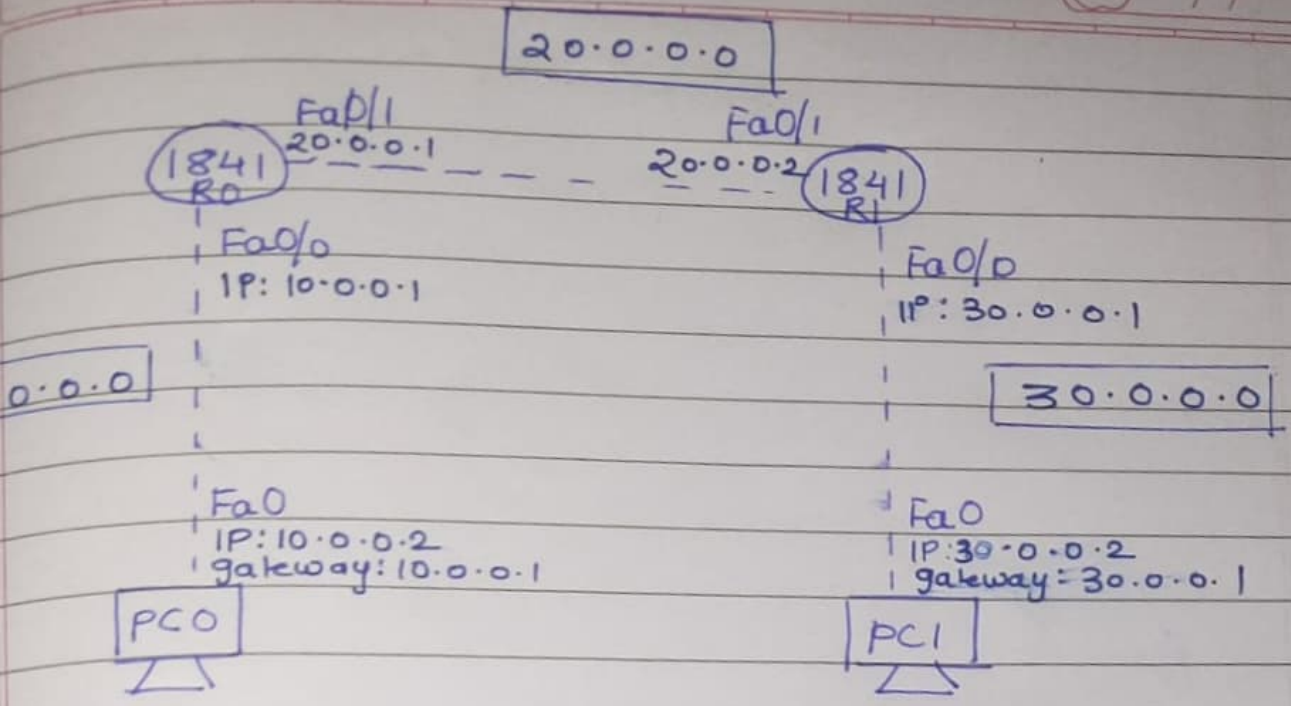

Router1
Physical
Config
CLI
Attributes
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
FastEthernet0/0
FastEthernet1/0
Serial2/0
Serial3/0
FastEthernet4/0
FastEthernet5/0
RIP Routing
Network
Add
etwork Addres
10.0.0.0
11.0.0.0
192.168.20.0
Remove
Equivalent IOS Commands
Router(config-router)#end
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#
%SYS-5-CONFIG_I: Configured from console by console
Top

Practical 3



Teacher's Signature:.....

Practical 2



Static : R0

Network : 30.0.0.0

Mask : 255.0.0.0

Next Hop : 20.0.0.2

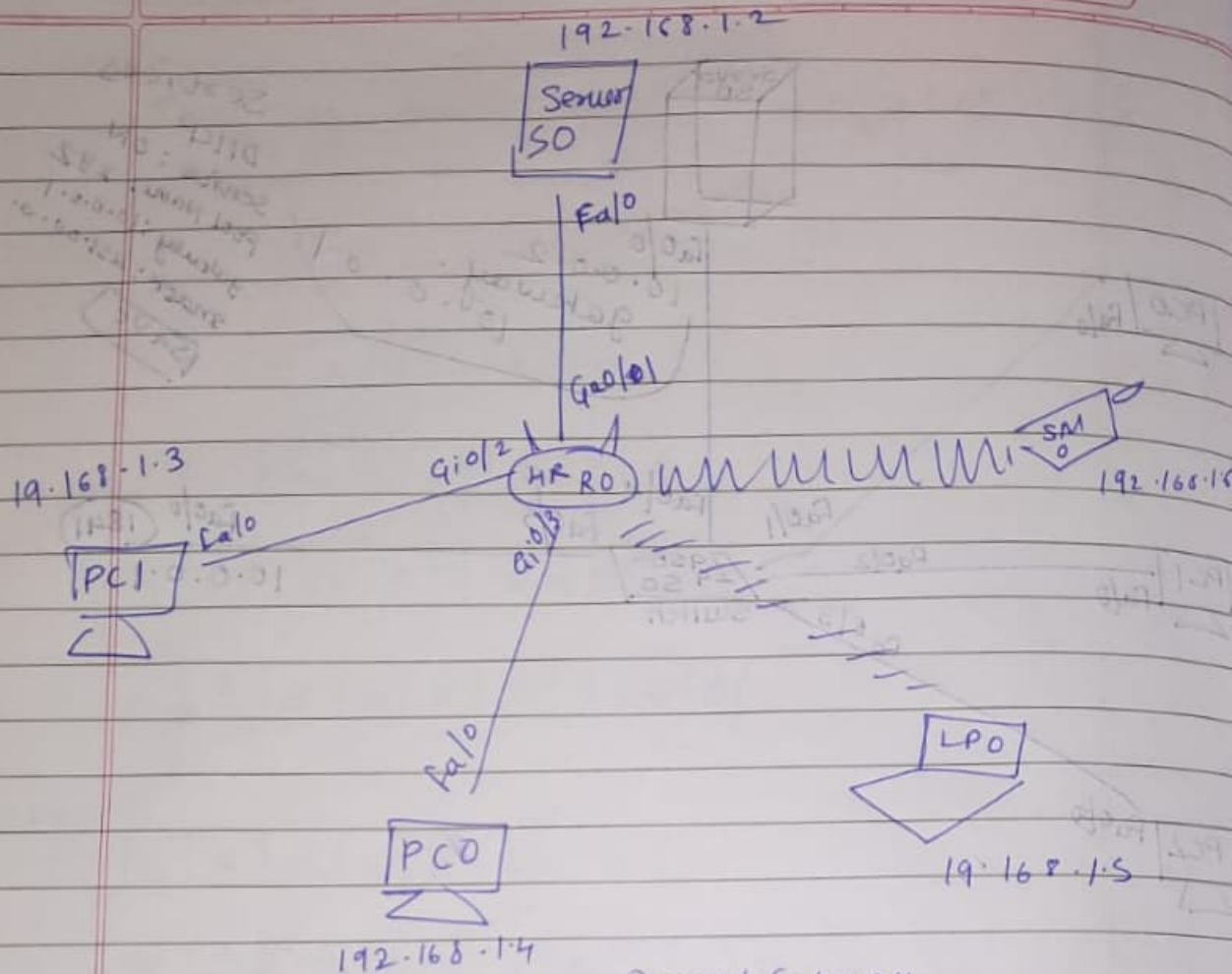
Static : R1

Network : 10.0.0.0

Mask : 255.0.0.0

Next Hop : 20.0.0.1

Practical 4



Laptop

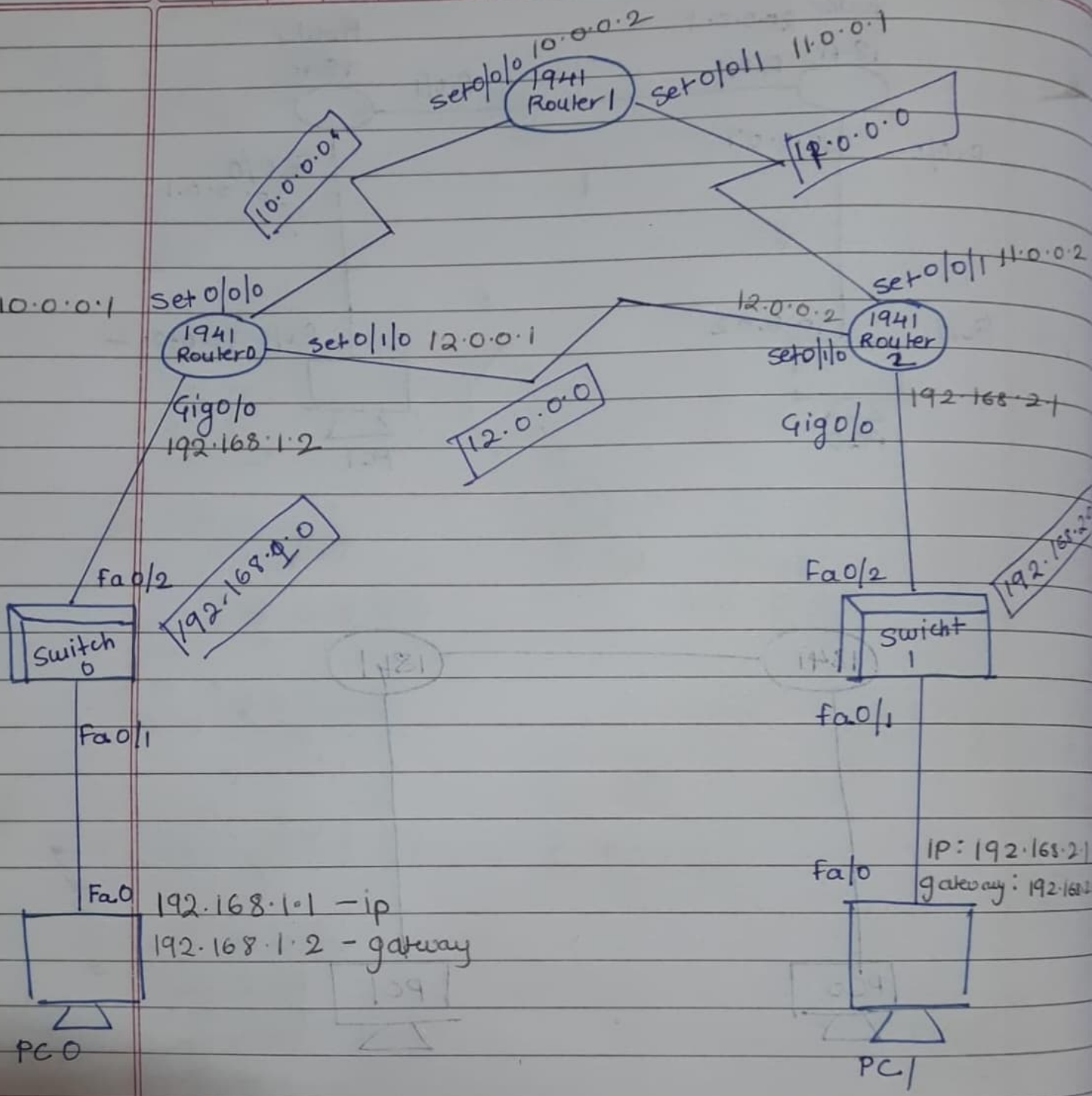
Physical → PT-LAPTOP-NM-1W

→ ON

Teacher's Signature:.....

OSPF 40 mks

Practical No. 6



class A 1 - 126

class B 127 - 191

class C ~~128~~ 192 - 224

class A
class C wild card = 0.0.0.255

exit

ENTER
ENTER
ENTER

exit

en (enable) → to start router
router ospf 1
conf
router osf 1

Commands

exit
(till we ket

en
conf t

router ospf 1

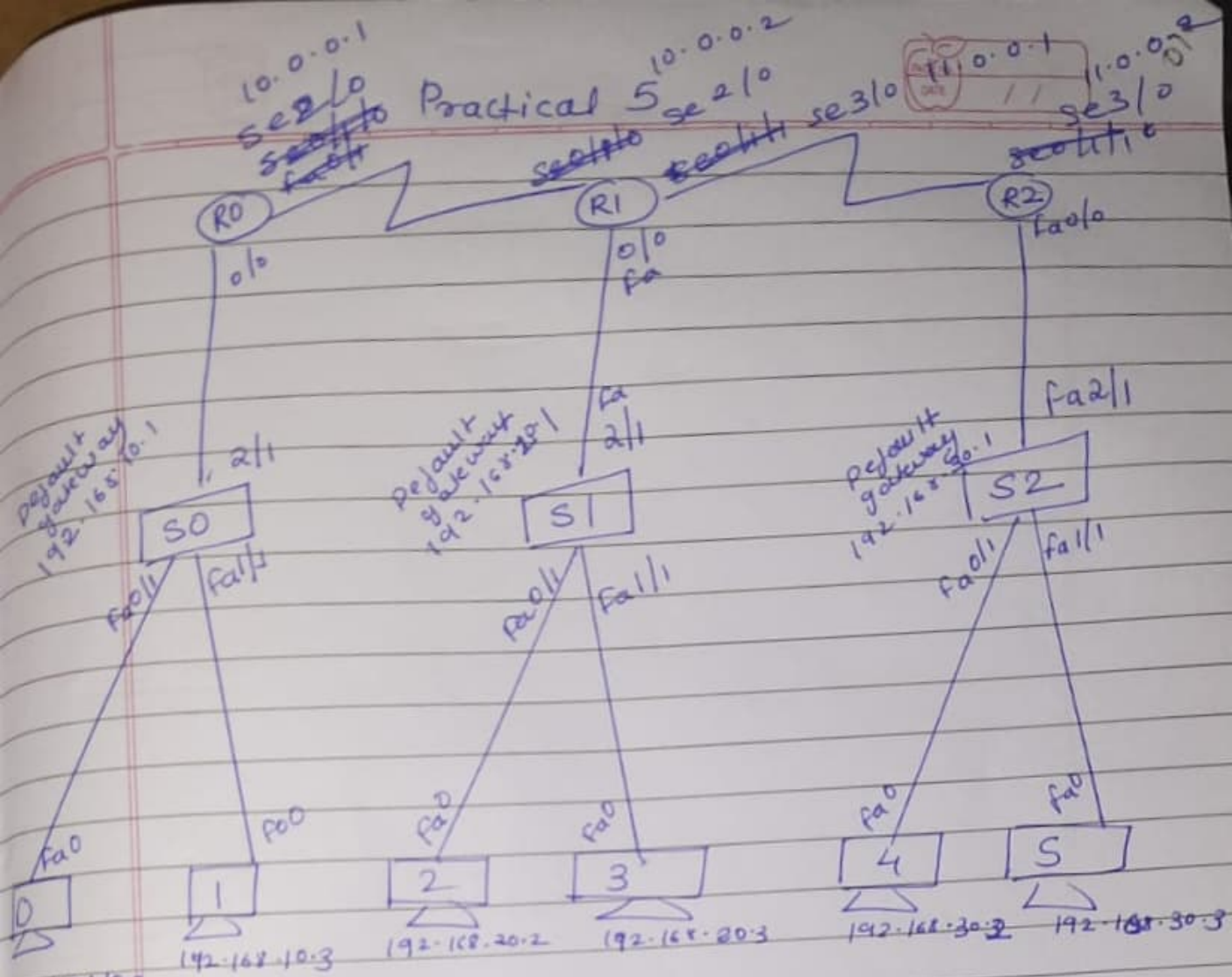
router 0
network 10.0.0.0 0.0.0.3 area 0
network 192.168.1.0 0.0.0.255 area 0
network 12.0.0.0 0.0.0.3 area 0

router 1
network 10.0.0.0 0.0.0.3 area 0
network 11.0.0.0 0.0.0.3 area 0

router 2
network 11.0.0.0 0.0.0.3 area 0
network 12.0.0.0 0.0.0.3 area 0
network 192.168.0.0 0.0.0.255 area 0

Teacher's Signature:

Practical 5



RIP :
192.168.10.0
10.0.0.0
11.0.0.0

RIP:
192.168.20.0
10.0.0.0
11.0.0.0

RIP
192.168.30.0
10.0.0.0
11.0.0.0

Teacher's Signature:.....