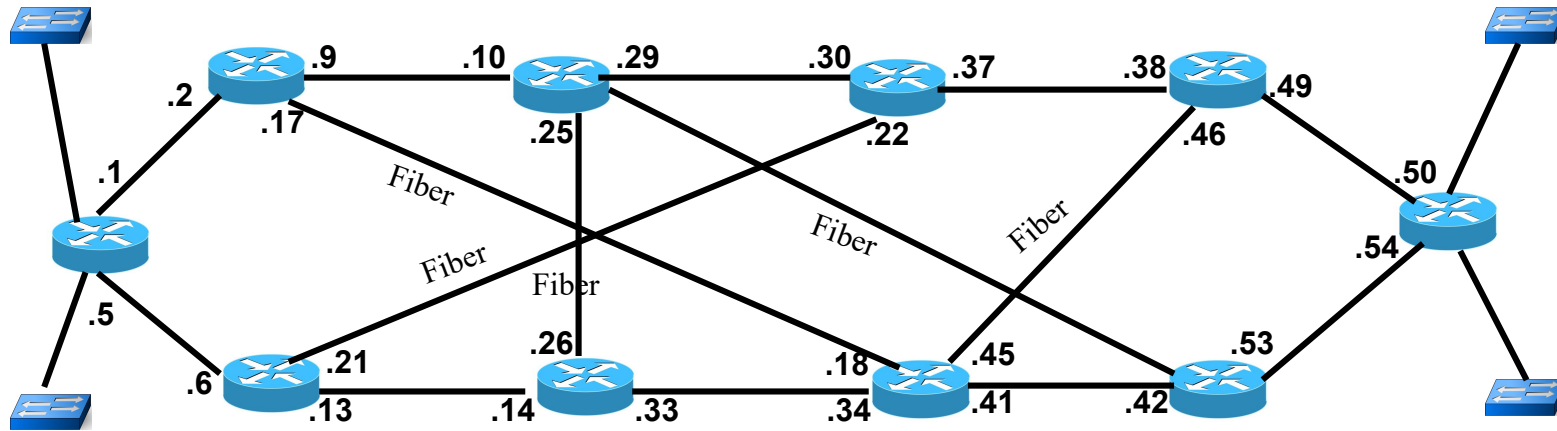# University of Asia Pacific
Department of Computer Science and Engineering
Computer Network Lab Final Exam
Marks: 50
Time: 2 Hours

CSE Access Network
Network: 192.168.1.16/28

All link network address will start from: 192.168.2.0/30

192.168.3.0/29, This network will have 4 web servers:
1. www.uap.edu
2. www.cse.edu
3. www.bba.edu
4. www.admin.edu

.9   .10   .29   .30   .37   .38
.2   .17   .25   .22   .46   .49
.1
Fiber
Fiber
Fiber   Fiber   Fiber
Fiber
.5   .50   .54
.26   .45   .53
.6   .21   .18   .41   .42
.13   .14   .33   .34

BBA Access Network
Network: 192.168.1.0/28

Figure: Final exam topology

192.168.3.8/29, This network will have 4 web servers:
1. www.bd.gov
2. www.info.gov
3. www.nu.edu
4. www.btv.tv

Tasks:

Change the hostname of the Router0 to your name.	3
You have to configure all Routers, Servers, and PC's.	25
You should apply RIP Version 2 routing protocol at each Router.	10
For the DNS, you will add DNS server in any router with the IP address of 192.168.1.34/28 and share the information with both CSE and BBA access network.	2
For testing, you will add two PC's on CSE and BBA Access network with the last usable host of that particular network.	5
	5
To configure web servers, you may choose the IP address sequentially from that particular network.	