CSE320 Lab Final Exam

Time : 1hour Marks: 50

Attempt all questions

Assign ip addresses to all ports of three routers i.e. CSE, EEE and MNS router. Configure the PCs according to the table below. Also define default gateway for PCs.

[**Hint: Gateway for** CSE-ST1**,** CSE-ST2 **and** CSE-ST3 PC **is CSE Router, Gateway for** EEE-ST1 PC is EEE Router**,** MNS-ST1 PC **is MNS Router**]

1.    Configure following parameters for CSE router:

The line console and line vty (the telnet login) with the password LINEPASS and VTYPASS, respectively.

2.    Configure following parameter for EEE router:

Hostname: EEE

3.   Give static routes in CSE, EEE and MNS router appropriately. Test your connections using PING command.

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| Fa 0/0 port of CSE router | Last usable IP address for the network 192.168.20.0/24 |
| CSE-ST1 | Second usable IP address for the network 192.168.20.0/24 |
| CSE-ST2 | Third usable IP address for the network 192.168.20.0/24 |
| Fa 1/0 port of CSE router | Last usable IP address for the network 192.168.30.0/24 |
| CSE-ST3 | Second usable IP address for the network 192.168.30.0/24 |
| Ser 2/0 port of CSE router [DCE:clockrate-64000] | First usable IP address for the network 192.168.11.0/24 |
| Ser 3/0 port of CSE router [DCE:clockrate-64000] | First usable IP address for the network 192.168.12.0/24 |
| Ser 2/0 port of EEE router [DTE] | Second usable IP address for the network 192.168.11.0/24 |
| Fa 0/0 port of EEE router | Last usable IP address for the network 172.16.20.0/24 |
| EEE-ST1 | Second usable IP address for the network 172.16.20.0/24 |
| Ser 2/0 port of MNS router [DTE] | Second usable IP address for the network 192.168.12.0/24 |
| Fa 0/0 port of MNS router | Last usable IP address for the network 172.16.30.0/24 |
| MNS-ST1 | Second usable IP address for the network 172.16.30.0/24 |