## Venkata krishna giri koneru

### 1BM18CS123

VENKATA KRISHNA GIRI KONERU Exh - 6 1BM18(5123 Question: Demonstrate RIP (Routing information protous) AIM: configuring growlers with sup and sending messages 10.0.010 | se = 10 20.0.0.7 30.0.0.1 Rowler 2 1 40.0.0:10 PCO

Rosedwa:

10.0.0.1

1) connect the PC5 to routers or shown

- 2) configure Routers O and drouter 2's fastelhernel connection
- 3) configure all routers and enopsulation PPP command ir used to enapsulate the parkets
- 4) ret clack mate for nequired nowters.

CD4 (LI commands

- ) config t
- 2) interface firstethernel 0/0
- 3) if address 10.0.0.10 255.0.0.0
- 6) no shut
- 5) encaprolation PPP

- 6) whole note 64000
- 7) rule rip
- 3) network 10.0.0.0

# drevvation:

- 1) the nouter information fratous, identifier the connected nouters automatically and nouting happens.
- 2) the dala real over in PPP (point to point protocol) helps to suthentication and energytion.

#### Screen Shots:

#### IOS Command Log

	Time	Device	Prompt	Command	Resolved Command
1	Fri Nov 6 09:13:29 2020	Router1	Router>	enable	enable
2	Fri Nov 6 09:13:38 2020	Router1	Router#	config t	configure terminal
3	Fri Nov 6 09:14:01 2020	Router1	Router(config)#	interface fastethernet 0/0	interface FastEthernet0/0. 0
4	Fri Nov 6 09:14:18 2020	Router1	Router(config-if)#	ip address 10.0.0.10 255.0.0.0	ip address 10.0.0.10 255.0.0.0
5	Fri Nov 6 09:14:45 2020	Router1	Router(config-if)#	encapsulation ppp	
6	Fri Nov 6 09:15:01 2020	Router1	Router(config-if)#	encapsulation ppp	
7	Fri Nov 6 09:15:46 2020	Router1	Router(config-if)#	encapsulation ppp	
8	Fri Nov 6 09:16:08 2020	Router1	Router(config-if)#	no shut	no shutdown
9	Fri Nov 6 09:16:14 2020	Router1	Router(config-if)#	exit	exit
10	Fri Nov 6 09:16:17 2020	Router1	Router(config)#	exit	exit
11	Fri Nov 6 09:16:26 2020	Router1	Router#	enable	enable
12	Fri Nov 6 09:16:29 2020	Router1	Router#	config t	configure terminal
13	Fri Nov 6 09:16:49 2020	Router1	Router(config)#	interface serial 2/0	interface Serial2/0. 0
14	Fri Nov 6 09:17:10 2020	Router1	Router(config-if)#	ip address 20.0.0.1 255.0.0.0	ip address 20.0.0.1 255.0.0.0
15	Fri Nov 6 09:18:13 2020	Router1	Router(config-if)#	encapsulation ppp	encapsulation ppp

Physical Config Desktop Programming Attributes

Command Prompt

Facket Tracer PC Command Line 1.0
C:\>ping 40.0.0.1 with 32 bytes of data:

Reply from 10.0.0.10: Destination host unreachable.
Request timed out.
Reply from 10.0.0.10: Destination host unreachable.
Reply from 10.0.0.10: Destination host unreachable.

Ping statistics for 40.0.0.1:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 40.0.0.1

Pinging 40.0.0.1 with 32 bytes of data:

Request timed out.
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=5ms TTL=125
Reply from 40.

Update

# Topology:

