Afrignment 33.

- Title: To study about dynamic stouting puotocols.
- · Pressen statement: configure RIP | OPPF | BGP using packet
- · heavening objectives: To heaven about dynamic hearthy provoca
 - · reaunity outcome: to implement RIP OSPF BUP.
 - = 5/10) Hu requirements: cisa packet Treach, redouce OF
- · Theory:
- Dynamic Routing !

optimal data mouthly, unlike static mouthly adynamic mouthly enables mouther to telect paths according to meal time regical network layout charges.

houmands about the new to allow them to relect west path to maach a despination.

- RIP puorocol?

routing protocol used with an autonomous system. Tury



- so we can consider grath where noder are nouters and
- 2.) In a wouting table, firest column is destination

 3.) The cost methic is numbere of hope to neach the destination

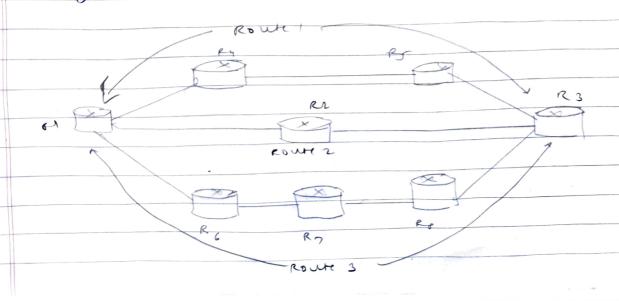
 4.) In emp, injurity is 16 which means RIP is useful fore

 small I man number of nope is 15
 - segment, then it is counted as I hop.

RIP message fourat.

		command	verion	Reversed	
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			dues		
	periotical	AU OV			
		Au o's			
	Dirtance				
-					

· walking



	supporte R' wants to send data to R3, if n/w is configured with RIP, it will choose Houte 2
2)	Advantages of RIP. It is easy to configure It has less complisity The CPU utilization is less
) 3)	Disadvantages Of RIP:- In RIP, Moute is chosen based on hop count metalic, on if another secure of better bandwidth is available, then that woute may not be chosen. It sucadeasts mouting applates to entire now that water a lot of traffic
	concuston; we oriccertfully configured RIP in circu packet tracer.