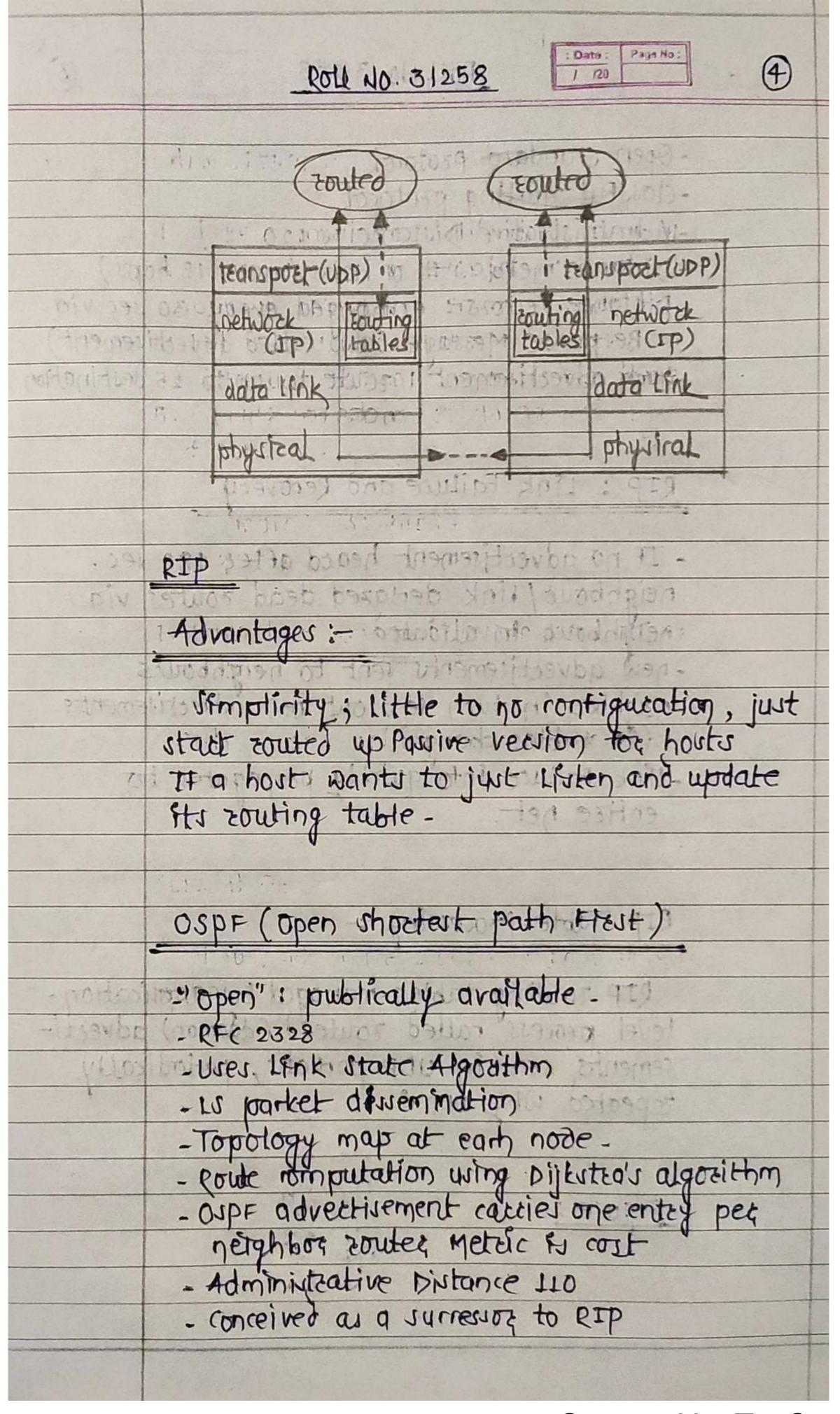
	Name: Rushikesh Kazbhazi Palve :Date: Page No: 1/20
	Assignment No. 6
the contract of the last of th	DOU:- 31-10-2021
	transfer (golendoy), Ip address Perfect
the state of the s	cases with their competitions, doesn't c
this sum	Title: Configuration of 3 router network using protocol RIP/OSPF/BGP.
001.1	bsotocot 616 1016 1 Beb:
	Problem statement:
	P COUNTY OF COUN
-itanotu)	Use parket Tracer tool for configuration
6,000	of 3 routed network using one of the
19,600	of 3 routed network using one of the following protocot RIP/OUPF/BGP.
	Emdlisapla state -
	emottisoppa kotjev standili -
	Objectives:
*	To understand emplication when DTD In the
	To understand ronfiguration using RIP/OSPF/ BGP by using Parket Tracer tool-
	Missolfino enitertisolopo
	Joseph Poly Poly Protocol
nateuign	Outcomeson prise to prise ind pa
	stole Udiversity
	After completion of assignment, students
	Will be able to understand configuration using PIP/OIPF/BGP.
1900	
	to thates,
	THEORY:-
	Thomas point point of the
-	2
	matically significant

	ROLL NO. 31258 :Date: Page No: 3
	- Open Standard Protorol  - Classful routing protorol  - Administrative Distance is 120  - Distance metric: # of hops (max = 15 hops)  - Distance vectors: exchanged every 30 sec via  Response Message (also called advectisement)  - tach advectisement: route to up to 25 destination  nets
	RIP: Link Failure and Rerovery
THE CONTRACTOR	- If no advectisement heard after 180 sec.  neighbour / link derlazed dead zoutes via  neighbour invalidated  - new advectisements sent to neighbours  -neighbor in turn send out new advectisements  (If tables changed)  - link failure into quickly propagates to  entize net.
	RIP Table Processing :- 1900
	PIP routing tables managed by application- level preocess ralled route-o (daemon) advecti- sements, sent in UDP parkets, pectodically repeated why UDP?
	Figure: sides dominible de sons.
	120 Li Sistam selenti selentiani.  121 si sondici milesticiantà.



(5)

## OSPF "advanced" features (not in RIP):

Serucity: all ospe messages authenticated

(to prevent matirious intension); Top connections
used Multiple same-cost poeths allowed conty
one path in RTP) For each link, multiple
cost metrices for different Type of service
(e.g. satellite link cost set "low" for
best effort; high for real time) Integrated
uni- and multicast support: Multicast
ospe (Mospe) was same topology data
base as ospe Hierarminal ospe in large
domains.

## BGP Terminology:

Autonomous system: A cottection of networks under a single administrative domain.

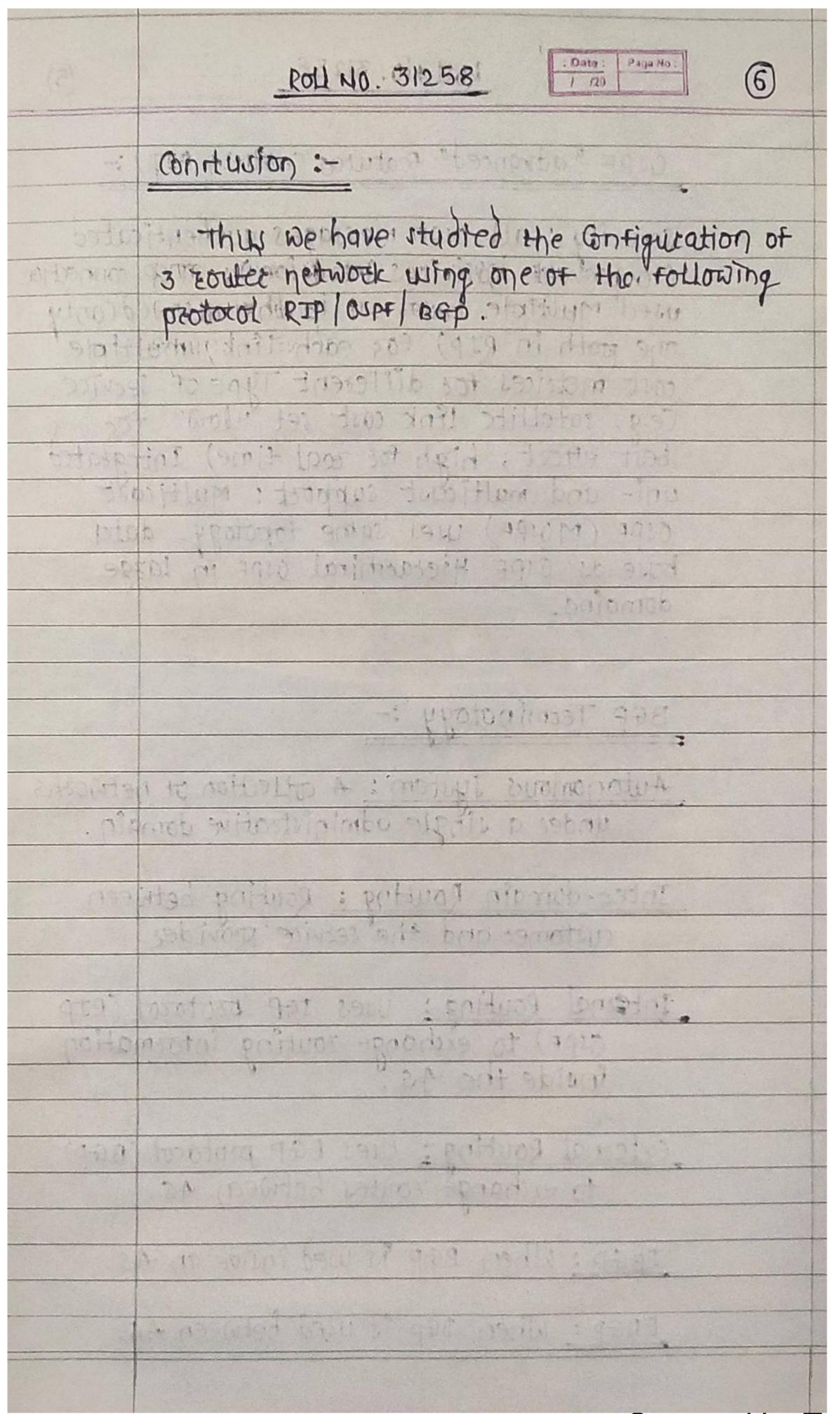
Intec-domain Routing: Routing between customer and the service provider.

Internal Routing: Uses 14P protocol (RIP OSPF) to exchange routing information forside the As.

External Routing: Uses EGP protocol (BGP) to exchange zowtes between 45.

IBGP: When BGP &s used inside an As.

EBGP: When BGP is used between 4s.



## OUTPUT :-

