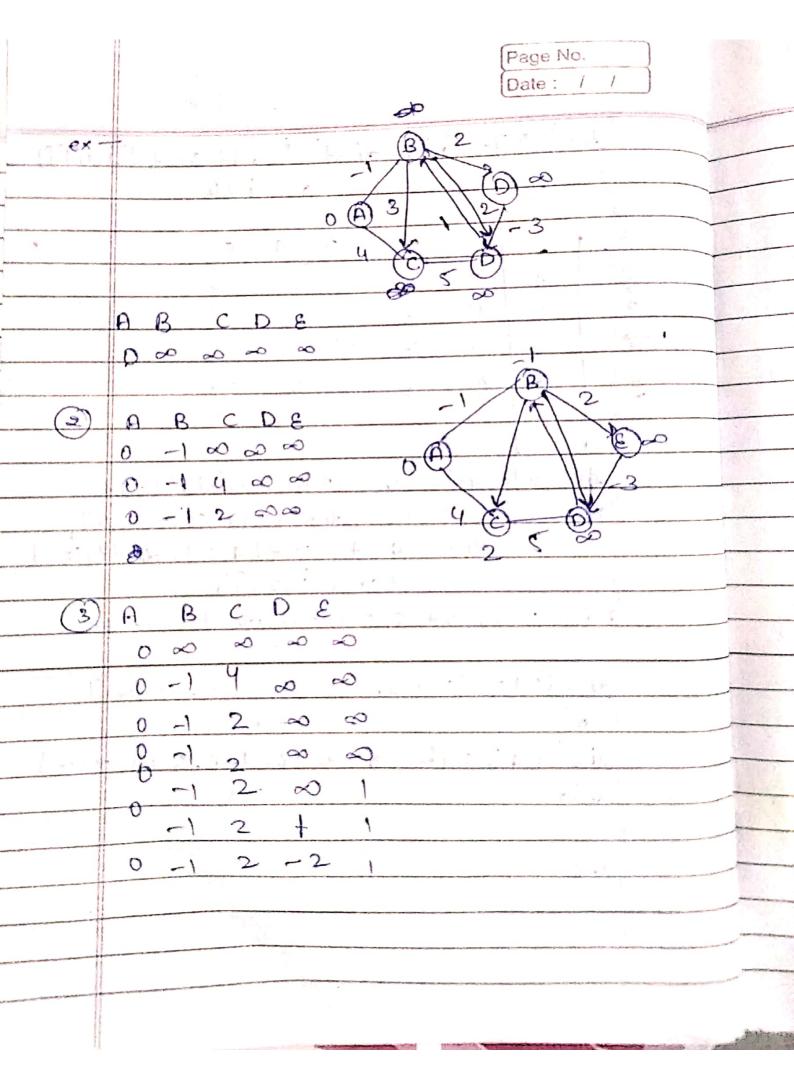
a Kumari Sakshi Rollno -43 Assignment-5 O. Describe the working of Bellman ford algo, using Suitable example? single path problem in which edge cot may be negative but no negative cycle exist. is slower but more versatile then Dijkstra's This algo detect the negative cycle in a graph & suport their existance given a wt. directed graph h= (v, E) wt. funct with sources & & E > R, this algo, return a boolean value indicating whether or not there is a cycle that is attainable form the source, if there is such a cycle, the algo. produces the Showlest parts & their wit. The contains no negertive. are reacha the source. form

a Distribution

Page No. u -> destination vertex (i) initialize - Single - SOURCE (G.C) 3 for i= 1 to [V[6]]-1 3 do for each edge (u, v) E E [67] do RELAX (UV, W) 5. for each edge (u,v) & F[b] 6 do if ollv72 deu7+ wlux) 7. then return FALSE 8 return TRUE



	_	Compane IPV 4 SIPV6 S what
	0	
		TPV 4
	9	IPV 4 (i) . it is 128 Bit
11	<u>(i).</u>	IT D Q 32 0
		TP Addivess.
	(2).	it is a number of the survey of
		address & ut &
1		Limayy bits aus
		sepecited by dot.
e e		J. J
<u> </u>	1-1	no. of heades (3), no. of heades
7	(3).	
	1.	
		of header (4), 40
	14,	length of header (4), 40
	1	field-20
		(5), doesn't have
	(5)	it has checksum (5), doesn't have checksum fields
	1	Hierary Indiana
		ex = 12.244.233.165 (6). 2001; alb8; 8000;
	(G).	0000;000;7879
		The state of the s
	A.	
	(4)	Type of Address- (7). Unicast, multicast, Unicast, broadcast, & any east.
	,	unicast 5 madcast, & ary east.
-		multicast.
		II

Page	No.		A TOTAL STREET
Date:	/	1	

(2). Adobsess configuration (2) Statelly ouddress - Manual or via audo comfigu. ration, · limitation of IPV4 (i) lack of the adoloress space 6) weak protocol extensibility, 13. Problem of security of communication (4) lack of quality of Service Support (5) Geographic limitations O. What do you mean by Routing?
What are various type of muting
Algo. 7 A Router is a process of selections path along which the derta coup be troubtersed from source to the dutination, Routing is Performed by a special device known as a siputera · A Router works at the now layer in the OST model & Insteamed layer in TOPIZP model

	Page No Date: / /
	Defaut Couring
	ich is a dechnique
	is which a souter is configured
	to send all the packets to the
	same hop device, I it doesn't
	whether it belong to a particular
	network or not.
21	2 della perhane
TARTONE	it is also useful when the bulk
	of transmission n/w have to
	transmitt docta to device
	Dunalais Poul
	Daniel Control of State and
7-, 1	Dynamic Routing - ut is also knocor als adaptive souting.
	Coloquia e solution of
-	These protocols are used to discover
	the new routes to each
	the destination.
0.	Compaire logical, clausful s clausers adabusing technique?
02-0	clauser addressing technique
	adata salas i
7.1	