_	EE450 Final Exam Tuesday, November 17, 2020 2:50 PM
	True or False
(-7	FTTTTT
8-14	FFTTFFT
15-21	TTFT fTT
22-23	T Ť
24,	d 25 b 26 c 27 a 28. b,e 29. a
30.	C
	Part 2.
(.	2 Mbps
	10 Mbps
	SOMbps
	1

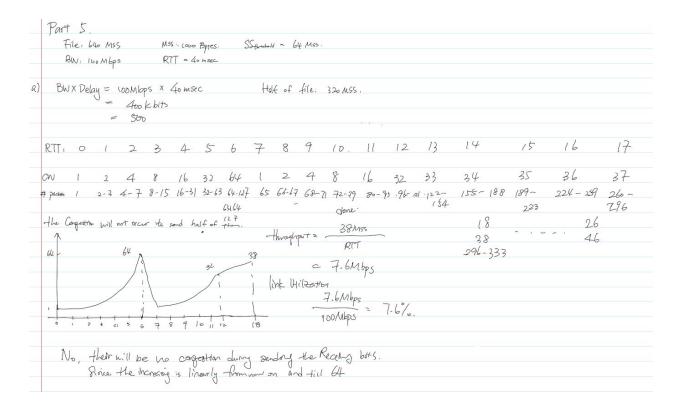
2.	2-0524% 3276800 Bytes	/sec_
3.	76 bits	7 m Jugth = 5007452
4.	1.25 x10 6 sec	/oor lits X A Show
(2	5MS	2X(08m/scc
G	9523809.5 bp	>
£.	0 2 2 1480, 540 3 6 D 0, 61, 122, 18	1500 Byte 13, 185, 246 20 33, 185, 246

6.	3.
	192.166.0000 (1 /22 192.166.000100 /22 192.166.
子.	a) B b) D c) A d) G e) G.
8)	A>B hilden D Exposed: C B>C hidden: D exposed: A

	A sends -	tu E:	2,3,4	Ce	et & 3 mgs	
		· 5 ;		Ga	et G's info	
	E send +	to A	1	d	inest forward.	
	H send t	~ G	drop.			
				_3c		
(0)	Router Canv	not be con	Agused: R	ζ¥	D D P2	
	Chin	get Conges	ited Kr, F	<2 Kg/1	Rs, RG, R7	
D	art 3.					
("	A*					
T	rijkstra:					
	В	C I	E	F		
A	(A,3)	(A,5) (A,	9) 00	00		
		- (
AB	_	(B,4) (B,	(3,5)	∞		
λας		- 10	+) (R 5)	(0.2)		
	-		,5) (B,5)			
	DE -		(B.5)			
	DEF -			(P,7)		
7 17 1	Cl	2(2))			
	2	B	(R)			
	(A) 3	1 1/				
	A) 3		(E		
	A) 3	0	V.	B		
1	3			E)		
b.	Ri			E)	Ry	f
b.	R, Net	Dis	Next	F)	R4 Net	7)(
b.	Net 1	Ь	Direct	E)	Net	3
b.	Net 1 2	b 2	Direct R5	E)	Net 1 4	
b.	Net 1 2 4	2	Direct R5 R2	E)	Net 1 4 17	3
b.	Net 1 2 4 17	b 2	Direct R5 R2 R3	F)	Net 1 4 (7 21	3 2 6 1
b.	Net 1 2 4	2	Direct R5 R2	F)	Net 1 4 17	3

Net	Dis	Next
1	0	Direct
2	2	Rs
4	3	R4
17	5	R3
21	2	RY
24	6	RY
30	2	Rx
42	2	Ru.

CIDR	192.168.1.0/24		0	7		
4 su!	bnets PA 90 -		10	6		
	B 50 -		1 1 0	Š		
	C 25 -		1 1 1 0	4		
	7 15 -	≥ ⁴	1 1	·		
A. 1	92.168.1.0/25	192.168.1.12	-/25 128-2			
	92.168.1.128/26					
	92.168.1.192/27					
	92.168.1.224/28					
V. (72.10.1.2.7720	1/2.100.1.5	- 7 / 2-0			
a.)	Subnet Addr	SM	Broadcast Addr	Max # of host		
A	192.168.1.0/25	/25	192.168-1.127/25	27-2		
	1-10, 103		.,	20		
В	192,168.1.128/26	126	192.168-1.191/26	26-2	Bits Remain Unuse	d
	50 100000 NYS PT		25 0.7. 6		= 74	(do not count the
С	192.168.1.192/27	/27	192.168-1-223/27	25-2	7.1	host with all o and all is
		,				
7)	192.168. 1.224/28	128	192.168-1-239/28	24-2		
		- 5				
DE	Requires 20 abhress.	2				
	26+25=96>90					
2		Λ				
efix.	0	A				
		В.				
		OA				
	1	1 0				
			D			
	27	150	1/			
	2,	2 1				
		2				
		1 -1	[1]			
<i>A</i> s	5 the Stratecture sh	aved above	, the organization			



						\circ	
BW = 101	Mus					0	
	To Mbps X 2	- msec	_	W -50 MSS			
DW A DECIG	= 50 Mass.	0		-00 - 50 M 35			
1 0 TTQ	2 3	1	_	6 7	8 9	10	
# CARCOCAD 50.50	4 8			64 1			
We I I	4 8	(6					
Packet 1 2-3	4-7 8-15	- 16-31	32-63 -th	nager 64 Retrosian 64	65-66 6-	7-70 71-78	
	2 13		7	16			
24 CONTRACTOR CONTRACT	32 33						
	5-,26 127-1				2000.00		
7/ / 1	3 120 101 1	7 100 1	- ((1))	0 201	203 0	*	
						finished =	Franswitsston.
H tooks	18 PTTs					-	
	70 701.5						
the through	$it = \frac{320 \times 100}{18}$	to Msec	= 3.55	Mbps			
1.1. (1.1.	355Mb	05 _ 2	←t%.				
INK UTITIZATI	, roemph	s -)	.50%.				38
4		6.0	ngestelm		lihaar		,
647		A 64			A		1
	32	1		32			
		^		35			1
		'					1
		,		(er ege
- /		,					
1							