_	EE450 Final Exam Yi Ran X4 Session 2. Tuesday, November 17, 2020 2:50 PM
	True of False
(-7	FTTTTT
8-14	FFTTFFT
15-21	TTFTTT
22-23	T T
24,	d 25 b 26 c 27 a 28. b,e 29. a
30,	C
	Part 1.
(.	2 Mbps
	10 Mbps
	Sombps
	į.

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.	
7.	a) B b) D c) A d) G e) G.	
8)	A>B hilden D Exposed: C B>C hidden: D exposed: A	

9)	A sends -	tu E:	2,3,4	CRET	& s mago	
			1, 2,3	Get	G's info	
	E send t				est forward.	
	H send t	5 9	drop.			
			Ţ			
(0)	Router cann	not be on	Aguned: R	Y-		
	cun	get Cong	ested Rr, R	R2 R8, R	*, R6, K7	
Ð	, ,					
Pa	rt 3.					
T	ijkstra:					
,		(D E	F		
A	(A 13)			00		
	(11/2)	(11)				
ĂΒ	_	(B,4) (F	3,7) (B,5)	∞		
ABC	_	- ((C,5) (B,5)	(C, 12)		
ABC	D -	_	- (B.5)	(D, 7)		
ABC1	DE -	7		(P,7)		
4 BCD	EF -	_				
	2	(B) 2 (B)				
	3	. 6	D 2			
	A	4 /	\(\frac{7}{7}\)	=		
		(2)				
b.	Ri				D	
€,	Net	Dis	Next		R4 Net	7)1.
)	DIS	Direct		(Ver	3
	2	2	R5		4	2
	4	8	Rz		(7	6
	17	7	R ₃		2	1
	24	6	Rá		24	5
	30	2	RS		36	8
			A3. 34		42	2

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.

CI	DR 192.168.1.0/24		0	7		
	subnets & A 90 -	,	1 0	· · · · · · · · · · · · · · · · ·		
	C 25 -		1 1 0	4		
A:	192.168.1.0/25	192.168.1.127	² /25 (28-2			
C.	192.168.1.128/26 - · · · · · · · · · · · · · · · · · ·	192.168.1.2	23/27			
D	192.168.1.224/28	192.168.1.2	139/28			
a.)	Subret Addr	SM	Broadcast Alle	Max # of host		
	192.168.1.0/25	/25	192-168-1-127/25	27-2		
Ę	3 192,168,1.128/26	126	192.168.1.191/26	26-2	Bits Remain Unux	
	3 10 110 01 17	1.		25-2	= 74	(do not count the
	192.168.1.192/27	/27	192.168-1.223/27	2-2		host with all o and all l
T	192.168.1.224/28	/28	192.168-1-239/28	24-2		
		<u></u>	1,0			
6)	E Requires 20 address.	25				
	26+25=96>90					
prefix.	2 12 - 76 / 40	Д				
	10 (
		BOR				
	0	1 0				
		- O E				
		1-0	D			
		25 1	~			
	27	/				
	2+ 2	24				
	2	2*				
	2t 2t As the Structure sh	2*	, the organizetton			



