	Name: - Animent Sain. Class: B. Tech CSF Derops 2nd Year Poll No. 8171218022		W
	KOI NO. NITTE	dus 13	Th
	Subject : Den		
-4-4-			8
	Chapter - 21		1
**			
	Excercise		H
91	3,19,15,16 0x0001 0x0800		1
			6
		-	Po
	0 x 2 3 4 5 A B 4 F 0 x 61 CD 0 x 7 B 2 D (125.45)		lov
120-14	0×170 (23.12) 0×1186		Se
	0×00000000		
-	0x 780D 4E 0A (125.11.78-10)		
- 5-		1	
_ Anaty		ems 19	
- Anal		-	-
	OXFRRFRFF OX2345AB4F67CD OX0806	-	
	Restination Source Pype Date		
	add. addr.	-	
- Ans 16	Destination addr. Source addr. Pyla dela	Ansa	La
- Ansi7	It could happen host bis unreachable for some The over murage is generated by an intermedial host A. generated by an intermedial	4	

The appropriate ICMP message distinction In this case, the code is O, which means network is unera shable The appropriate ICMP message is destination unreachable message. This type message Which means the port is unaca diable love codes are not discussed in the consult augmenus for more information

Ans 21 11100111 0 000 IP : Thernet: 00000001 00000000 0101110 0 000 The Ethernet address is heradecimal is Oxology of acouter should send only I query mus dus 22 no matter how many wither enteres it lable, the message will are below is it in the spanning tree The host must send as many as the deport messages at random time prevous membership order to diff groups Tungth of IP header plusded 28 Ans 24 Probabl cheeksum 185.23.5.6 IP header plus date Pine rotted live Probabl - checksen 220.M.18.4 Dala Just Na action should be Jaken

26. At should set the state of the sentices to Deleging message is sent twice for each group to the owner that sent the query Ethernet: Supported number of groups using 23 bib=225 = 8388608. groups Supported number of groups using, 28 bits = 28 = 268435, 48 & group Address space lost 268435, 456 3- 8, 388, 608 = 260, 046, 848 groups -> Ethernet: OXD1005E124808 a. IP: 234.18.72.8 -> Ethernet: 0x01005 E124808 IP: 235.18.72.8 1P: 237.18.6.88 Ethernet: 0x 01005E120658 -> Ethernet: 0x01005 E 580C08 d. 19: 224.88.12.8

I hast that is totally isolated needs needs information. The routing table has no entire A switing table for a LAN not connected to the Internet and with no subnet having have a acousing table with hostaddresses, There is no next hop addresses all packets gumain within the network (14523-1920) Unknown Nowork 130.5612.4 (Rosto) H dos 16 It the packet with destination address 140 200 appaires at R3, it gets sent to interface If it wrives at RL it gets sent to interfer my and then to scouler R3. The only can receive the parket is if the packet gacket comes from organization 1 , 2003 Pages to R and is sent out from it Aus 17 & Cannot exercise a packet with this the delivery is direct and does not

				mate
A.	18			
	Maste	Natwork addrus		
	120	120 Haddring	Next-hop address	TI
	120	120.14.96.0		mo
9	120	120.14.112.0		mo
	10	0.000		293
		0.000	default	my
			Polouri	
Ansl	9 mask	Network address		
	/23	120.14.64.0	next-hop-address	Intefam
	123	120.14.66.0	L. R. 1111 11	mo
	123	120.14.68.0		ml
	123	120.14.70.0		mr
	/23	120.14.72.0		m3
	/23	120.14.74.0		my
	123			MZ
	123	120. 14.76.0		M6
	10		11.	m7
	7.0	0.0.00	default router	m3
24-1				
Aus 20	Mask	Networkadd.	next-hop addr.	Totala
	122	124.14.96.0	-	Testerja
	122	124.14.100.0	-	ml
	122	124.14104.0	<	mz
1	122	124.14.108.0	-	mz
	10	0.00.0	0	my
		0.10.0.1		
A		N. C. Palo L.	Parklaster 1	
1				
			3-1-5-6-1	
1				

	Day Page	1	
Ans.23	In distance vector occuting each Mater sends at of its knowledge about an autonomous system to all of the occuters on its neighbours networks at segular intervals. It was a fairly networks at segular intervals to update the each	31.	No.
	fairly simple algorithm to update the en- table but wesult in a lot of undeed uncel- network teraffic In link state southing	32.	ye ĭt de
dne2	when changes occure.	Ans 33	Yes bec
	Net 1 3 C u 2 2 C u 3 1 F		02
15-15	Phon are 22+(10xN) = Emply bytes in a message		
Aus 29			
Ans)			

No, RP Fdoes not One copy of the same multicast RPF creates a geoph instead of Yes RFB creates a shortest path tree and its leaves are network . Howaran , the delinery of the parkets are based on boroad casting instead of Multicasting gro 33 Yes, RB, RPM coreates a shortest path tree because it is actually RPB with pruning and grafting peatures. The leaves of the tree are the network,