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				Ansv	ver.	ALI	L Qu	estic	ons									
1.			size of a packe	et in t	he E	Ether												
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	(C)	1200 bytes	S				(D)	) 1(	500 1	bytes	3							
2.	The	finite amou	int of space m	aintai	ned	by 1	the ro	oute	r is l	cnow	n as							
	(A)	Cache					(B)	) Pa	acke	t	-							
-	(C)	Buffer					(D)	) N	lem(	ory								
3	The	unreliable t	ransport layer	nrote	oco1	is				,								
5,		UDP	a ansport lay or	prote	0001	. 10	(B)	) S	MTF	)								
	` '	TCP					(D)	) P	OP3									
4.	The	alternate fo	rm of address	ing fo	ollov	wed	bv tl	ne tr	ansp	ort 1	aver	is						
.,		Socket nu								umb								
	(C)	IP address					(D	) N	et id	1								
5	Net	id is also kr	าดระก ลร															
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6	TL:	Iran aftha t	formionding tob	lo ia											:			
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7.	(1)		ovides connec	tivity	at a	a ve						num	ber (	of en	d sy	stem	ıS.	
		Edge route Enterprise					` '			route s rou								
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8.			hod used by th	ie Na	ik a	lgor												
	` '	Linear sea					` '			y sea		1						
	(C)	Depth firs	t search				(D)	) B	read	th fi	IST S	zarci	1					
9.	In_	routin	g, the mask ar	nd the	des	stina						0.0.0	.0 is	rout	ing	table	; <u>.</u>	
		Next hop				-				speci	fic							
	(C)	Network s	pecific				(D)	) D	efau	lt :								

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10.	The internet is an example of  (A) All switched network  (C) Packet switched network	<ul><li>(B) Circuit switched network</li><li>(D) Message switched network</li></ul>	22. Categorize the various standard committees in detail.
11	Among the several paths, which path is sel	ected for routing?	23. Illustrate on network topology.
11.	(A) Widest path (C) Frequent path	(B) Shortest path (D) Maximum bandwidth path	24. Identify the various types of router.
12	Dijkstras algorithm is also called	(D) Washing Salawaan paar	25. Brief about the Bellman ford centralized algorithm.
12,	(A) Best path routing algorithm (C) Shortest path algorithm	<ul><li>(B) Best cost algorithm</li><li>(D) Least cost algorithm</li></ul>	26. Classify the various router of OSPF network.
			27. Write notes on MANET'S.
13.	The enhanced interior gateway routing pro		
	(A) Distance vector routing protocols	(B) Link state routing protocols	$PART - C (5 \times 12 = 60 \text{ Marks})$
	(C) Hybrid routing protocols	(D) Automatic state routing protocols	Answer ALL Questions
14.	was originally developed to provinformation between autonomous systems	vide a loop free method of exchanging routing	28. a. Derive an IP protocol stack architecture with neat sketch.
	(A) OSPF	(B) EIGRP	(OR)
	(C) BGP	(D) RIP	b. Explain about
			(i) TCP packet format
15.	In unicast routing, each router in the don possible destinations.	nain has a table that defines a path tree to	(ii) UDP packet format
	(A) Average	(B) Longest	29. a. Construct and explain the shared CPU architecture in detail.
	(C) Shortest	(D) Very longest	
16	In OSPF a link in a network is conn	ected to only one router	(OR)
10.	(A) Point to point	(B) Transient	b. Identify the elements of a router in detail.
	(C) Stub	(D) Multipoint	30. a. Brief about 'Dijkstra's shortest path algorithm for centralized approach' in detail.
17	An adhoc wireless network consists a set of	·	
1 / .	(A) Nodes	(B) Routers	(OR)
	(C) Bridges	(D) Subnet	b. Write short notes on the following
	(C) Druges	(D) Subject	(i) Dijkstra based approach
18.	A one to all communication between one	source and all host on a network is classified as a	(ii) Bellman ford based approach
		book of the first of a noviroll to oldbollion as a	31. a. Discuss about communication and message format of RIPV1.
	(A) Unicast	(B) Multicast	31. a. Discuss about communication and incessage format of Kir VI.
	(C) Broad cast	(D) Point-to-point	(OR)
			b. Enumerate on OSPF packet types in detail.
19.	Which of the following is not the category	of dynamic routing algorithm?	o. Enumerate on OSIT packet types in detain.
	(A) Distance vector protocols	(B) Link state protocols	32. a. Analyze temporarily ordered routing algorithm in detail with example.
	(C) Hybrid protocols	(D) Automatic start protocols	32. a. Amaryze temporarny ordered routing argorithm in detail with example,
	· · · · · · · · · · · · · · · · · · ·	(c)	(OR)
20.	deals with the issues of creating and	maintaining routing tables?	b. Explain about destination sequenced distance vector routing in detail.
	(A) Forwarding	(B) Routing	
	(C) Directing	(D) None directing	
	DADE DA	4. 20 B ( )	* * * * *
	PART – B (5 × Answer ANY F		
		· · · · · · · · · · · · · · · · · · ·	
21.	Elaborate on IP addressing in detail.		

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