DAH-003-2044003 Seat No B. Sc. (IT) (Sem. IV) (W.E.F. 2019) Examination April - 2022 CS-21: Networking Technology & Administration Faculty Code: 003 Subject Code: 2044003 Time: 2½ Hours] [Total Marks: 70] 1 (A) Objective type questions: 4 (1) OSI Stands for (2) LAN Stands for (3) CDDI Stands for (4) P2P is network topology? True/False. (B) Answer the following question. (Any 1 out of 2) 2 (1) Define what is network and write any two use of network. (2) Explain client server network model. (C) Answer the following question. (Any 1 out of 2) 3 (1) Define any two network services in detail. (2) Define csma/cd and csma/ca in detail. (3) Define csma/cd and csma/ca in detail. (4) Write a detail note on network topologies. (5) Write a detail note on communication methods. 2 (A) Objective type questions: 4 (1) The microwave is the electromagnetic waves with frequency ranging from to GHz.										
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frequency ranging from to GHz.	2	(A)								
(1) The frengmission modes to one which does										
not use the physical medium to transmit information from one computer to another.										
-			(3) Which cable consists of two insulated copper wires							

(4) How many connectors used for coaxial cable?

twisted together?

	(B)	Answer the following question. (Any 1 out of 2)	2
		(1) Explain twisted pair cable in brief.	
		(2) Explain fiber optic cable in brief.	
	(C)	Answer the following question. (Any I out of 2)	3
		(1) Write a note on any 2 types of unguided media.	
		(2) Explain about ip address with its types on brief.	
	(D)	Answer the following question. (Any 1 out of 2)	5
		(1) Write a detail note on multiplexing types.	
		(2) Write a detail note an types of ipv6.	
3	(A)	Objective type questions:	4
		(1) ARP Stands for	
		(2) RARP Stands for	
		(3) L2CAP Stands for	
		(4) RFCOMM Stands for .	
	(B)	Answer the following question, (Any 1 out of 2)	2
	()	(1) Write short note on POP3.	
		(2) Explain about Apple talk in brief.	
	(C)	Answer the following question. (Any 1 out of 2)	3
	,	(1) Write a note on DSL and ADSL.	
		(2) Explain about connection oriented protocol in brief.	
	(D)	Answer the following question. (Any 1 out of 2)	5
		(1) Difference between HTTP vs. FTP.	
		(2) Write a detail note layer3 devices.	
4	(A)	Objective type questions:	4
_	()	(1) OSPF Stands for	
		(2) IS-IS Stands for	
		(3) BGP Stands for	
		(4) DVR Stands for	
	(B)		2
	()	(1) Write short note on logging event.	
		(2) Explain about MMC in brief.	
	(C)		3
	` ,	(1) Explain in detail about OSPF.	
		(2) Explain in detail about RIPv2.	
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	(D)	Answer the following question. (Any 1 out of 2)	5
		(1) Difference between RIP vs. EIGRP.	
		(2) Difference between interior routing vs. exterior routing.	
5	(A)	Objective type questions:	4
		(1) also known as video surveillance.	
		(2) Only one station is required in a GPRS system.	
		True/False.	
		(3) L2TP Stands for	
		(4) is a portable navigation facility available on	
		a Smartphone.	
	(B)	Answer the following question. (Any 1 out of 2)	2
		(1) Write short note CIA-model.	
		(2) Explain proxy server in brief.	
	(C)	Answer the following question. (Any 1 out of 2)	3
		(1) Write a note 1SDN and dial up technology in detail.	
		(2) Write a detail note on encryption security method.	
	(D)	Answer the following question. (Any I out of 2)	5
		(1) Difference between GPS vs. GPRS.	
		(2) Write a detail VPN protocol with its type.	