Seat no:- ITGAOGS Semester: - VI Subject :- Wireless Networks Date :- 9th June, 2021 Fram :- June, 2021 A) Solve any Two a "ii) Explain virtual Network and list different Protocols? Ans A Vistual private network or VPN is a service that creates a safe, encrypted online connec -tron. Internet users may use a VPN to give themselves more privacy and anonymity online or circumvent geographic-based blocking and Censorship. VPN essentially Extend a private network across a public network, which 8 hold allow a user to securely send and receive dota across the internel Working 9- At its most basic level VPN tunelling + creates a point-to-point connection that Cannot be asses accessed by unauthorized

Person To actually Create the tunnel a

tunneling protocol is used over existing

networks. Different VPNs Use different tundeling rotocols. Different Protocols in VPN are 3-VI_WN_TTGADG8_Q3 FOR EDUCATIONAL USE

		1) Internet Protocol Security (IPSec):
		2) Layer 2 Turneling Protocol 3) Point-to-Point · Tonneling Protocol 4) SSL and TLS
		3) Point-to-Point · Woneling Protocol
		5 00 1/m
		5) Open VPN 6) Secure Shell
		87 Octove 617617
	00)	Compare Mi-fi and Li-fi?
-(-		Mifi is a brand name used to describe a wireles
:		Youter that acts as mobile wifi-hotspot. In A
		Nic: device can be connected to a cellular
		Mifi device can be connected to a cellular network and provide internet access for
		up to las dovices
		on - 10. Communication Technology
		Which utilizes 19ght to transmit data and position between devices. The term was first
		Distion between devices. The term was tirst
		Introduced by Harald Haas. In technical terms
		al ic a lother communication govern
		apable of transmitting data at high speeds over
	$-\parallel$	the visible light, Oltraviolet and intrace a spec
	3 1 1	trum. In 945 present State Only LEIS Comps
		capable of transmitting data at high speeds over the Visible light, Oltraviolet and infrared spectom. In the present state only LED lamps Can be used for the transmission of Visible light.
		Baht.
		lig.
		2/3
		VI_WN_TT6A068_Q3 (1605)
		FOR EDUCATIONAL USE

Q3)B)	Solve any One
î)	Explain in detail WMAN 802.16 WIHOX technology
<u>P</u>	1) WIMAX is Acronym for worldwide interopera sil
	for Microwave access
	Po) It is Bosed on Wireless MAN technology
	3) A Wheless technology optimized for the
0	delivery of IP centric Services over a wide Area
	Vide Area
	4) It is a Scalable Wireless Platform tox
	4) It is a Scalable Wireless Platform for Constructing alternative and complementary broadband networks
and the same of th	broadband 1/164008+3
	5) A It is a certification that denotes inc
	-operability of courpment out to the left obs
	or compatible working group acception
	or compatible working group develops Standards that address too types of Usage
	model- a) A fixed usage model (IEEE 802.16-2004)
	a) A fixed Dsage most
	b) A portable usage model (IEEE 802.16e) 6) WIMAX PS Such an easy term that peopletend to use of for the 802.16 Standards and technology to use of for the 802.16 Standards and technology
	1 is such an easy tem indition
	to use it for the 800. 16 Standards
	to use of for the 802.16 Standards and technology themselves, although strictly it applies only to Systems that meet specific conformance criteria for laid by the WiHAX Forum 1) It can be used to connect 802.11 hot spots to the internet i Provide campus connectivity.
	Systems that meet opening continues
	for look by the WIMAX toron & soull hat spots to
	TH can be used to connect ous connectivity
	the internet i provide camp
	\circ
	VI_WN_TT6A068_Q3 Pari 3/3
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