Department of Electrical Engineering Assignment

Date: 23/06/2020

		Course Details		
Course T Instructo		Mobile and Broadband Networks	Module: Total Marks:	50
Name:		Student Details	Student ID:	
Q1.	provid effecti archite standa you ar	ve Optical Network is a promising broadbarde many advantages such as high-quality trive manner. PON technologies have been ectures and standards over the past few decardization bodies that have proposed their own nswer to Explain the PON Architectures proof its FRAME STRUCTURES (DATA LINK)	developed with different ades. IEEE and ITU are the versions of PON's. Support posed by ITU and IEEE in	Marks 12
Q.2	and off by day increase network Access high b your a	o Bandwidth Hungry Applications like Video of ther multimedia services, the demand for high ay. Apart from that, multiple users are address the network capacity. In order to according and provide these users with a high band as Network is required. Passive Optical Network bandwidth as well as it accommodates more usenswer to Explain different types of PON tecture that are in use to provide the scalability	bandwidth is increasing day ing to that network which mmodate more users to the dwidth, a strong Broadband ks have the ability to provide sers to the network. Support I Networks along with its	Marks 12
Q.3	the pro advance portable Analys	Advancement in Wireless Communication Teconominent and the most dominant Innovation of acements, users can be seamlessly connected to ble devices supporting different wireless technologies of the Wireless Communication Technology how different Wireless Technologies evolving	20 th Century. Through these to one another through their blogies. Make a Comparative logy Era's from 1G to 5G	Marks 12

working principle of VLC in terms of its Physical Layer and MAC layer according to the IEEE standards.
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