Q3B) I) Mifi (Not spot) describes a wineless vouter that acts as a mobile will hotspot. ii) It comprises of a built is modern that acts as a Wireless muter. TilMifi creates a wireless adhor network allowing devices like mobile smartphoner, laptops, tablets ere to be connected to share cellular networks IV) At a time 10 decrees can be connected to a mire network v) The size of MIEI is with bigger that a mobile broadband USB modern (donyte) VI) It is portable and light in weight VII) their operations are smilar to that of dougle VII) Advantages of MITI: a] No wb port b) multi device support c] Hyp speed d] Bottery operated e] No software download

Lift (light fidelity)

1) Lift stands for light fidelity and it transmits signals wirelessly through usible light.

1) It is approx 100 times faster than wiff 14) It has very high speed

(V) Lift uses normal LEDs for transferring high docta at high speeds upto 224 Gb.

f) dala storage

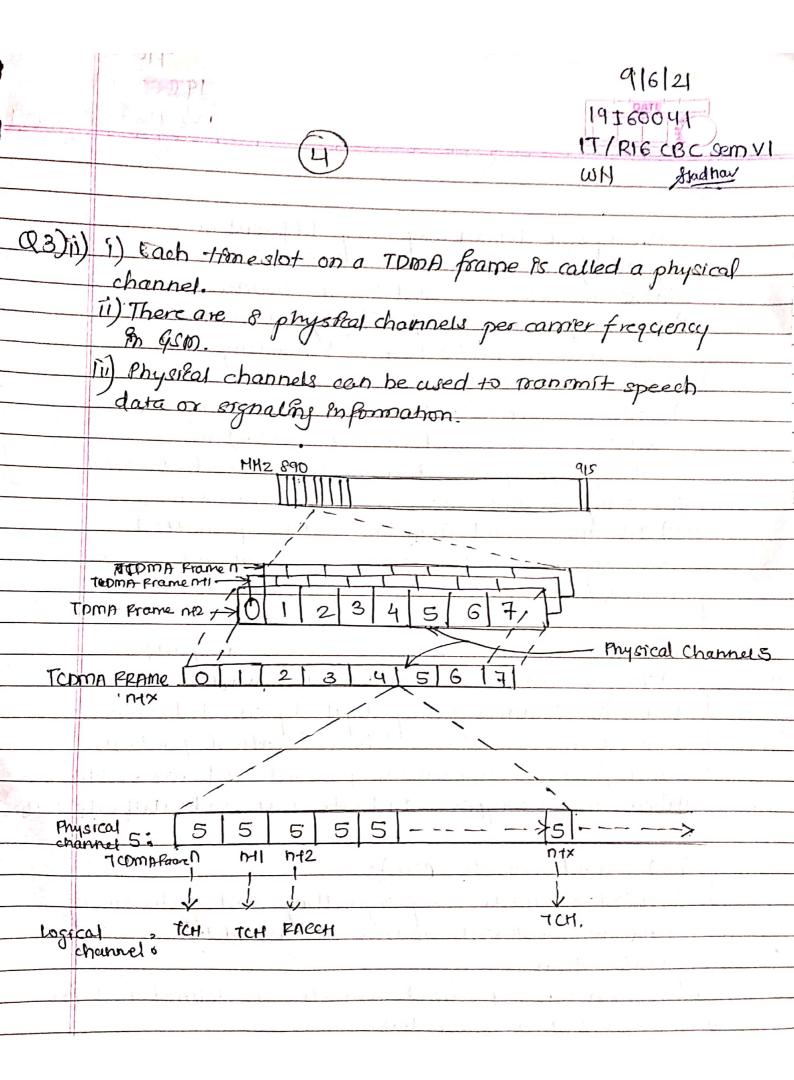
Hadhav V) The data transmission of UFI technology is through
Illumination of LEDs.

VI) At the receiver there is light received by photoreceptore

and are converted into ogno digital signals. a) speed & very high

b) security - data cannot be hacked or stolen

c) RPSIC free - light waves arent harmful VII) Advantages? Use less pouer e) easily mitalled



IV) A physical channel may carry different messages, depending on Aformation that & to be sent V) there messages are called logical channels v) for example, on one of the physical channel used for traffic, the traffic itself is transmitting wing a TCH - Traffic channel.

UI) while handover instructions transmitted using the Rast Associated control Channel CRACH) message vill) many type of logical channel exist each designed to carry a diff message to or from an me. VIX) All info to and from Ms must be formatted correctly, so that receiving device can understand the meaning of different bits on the message

There are two types of logical channels In GCM: 1) Traffic channels & 2) control channels i) Traffic channels carry digitally encoded user speech or user date and have identical functions and formats on both the forward and reverse lible.

11) There are two types: Pull rate TCH and Halfrate TCH

GISM control channels (TCH):

i) control channels carry signalling and synchronizing commands between the base station and the mobile station

ii) cortain types of control channels are defined just for the forward or reverse Int.

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_	and deposit and the second of
	(1)) There are 3 main control channels in the
	95m system. [) Broadcast channel (BCH).
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	1) the common control channel ((Cff)
	(11) Dedicated control channel CDCCH)
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