Assignment No-7

Q. Compare WIMAX and LI-FI

Ans-

Feature	WIMAX	LIFI
Full form	Worldwide Interopera-bility for Microwave Access.	Light-fidelity.
Operation	BroadBand wireless access	It transmits data using light with the help of LED bulb.
Technology	wireless metropolitan Area N/w.	Present IrDA compliant Device.
Merits	Can be used for long ranges upto 30Kms.	Interference is less, can pass through salty sea water.
Data Transfer speed	works at 50Mbps/Hz and can peak up to 100 Mbps in a 20MHz.	About 1 Gbps.
Data Dencity	works in high dense environment.	works in high dense envi-ronment.
Coverage distance	upto 40 miles	About 10 m
Power Consumption	High	Medium

cost price	medium	low
working concept	Request/grant	Direct binary data serving.

Q. what is bluetooth Profile?

Ans-

A bluetooth profile is a wireless interface specification for Bluetooth-based communication between devices, such as the hands-Free profile. For a Mobile device to connect to a wireless headset, both devices must support the Hands-Free Profile.

- Specific parts of the Bluetooth protocol stack used by the protocol. To perform its task, each profile uses particular options and parameters at each layer of the stack.