**Activity Eight Questions**

1. What is Bluetooth LE.

* Bluetooth LE stands for Bluetooth Low Energy and is used for sending a receiving of small packets of data as the data throughput is lesser it does not support streaming.

1. Define latency.

* Latency is how quickly a data packet is sent and received to it’s destination

1. Define throughput.

* Throughput is the measurement of data transmitted and received during a specified time period

1. Differentiate Multicast and Broadcast.

* Multicast is one to many whereas Broadcasting is one to all

1. Explain Physical Layer channels

* There are a total of 40 channels in the physical layer. They are 3 advertising channels and 37 Data channels

1. Expand SMP, GAT & ATT and explain?

* Secure Management Protocol SMP provides methods for pairing and key distribution and provides other protocol stack layers to securely connect and exchange data between BLE devices
* Generic Access GAT

1. Expand CSS and define.