1. **Match the four different networks shown on the left column to the corresponding range on the right column.**

WLAN		>50 km

WWAN		Up to 50 km

WPAN		10 m

WMAN		100 m

2. **Modify the following texts so that the statement is true.**

UWB technology $\left(\begin{matrix} is \\ is\ not \end{matrix}\right)$ capable of doing everything that Bluetooth can, but it $\left(\begin{matrix} can \\ cannot \end{matrix}\right)$ handle a lot more data at higher speeds.

The IEEE 802.16 standard is more commonly known as $\left(\begin{matrix} WiMAX \\ WiFi \end{matrix}\right)$.

ZigBee is a technology used in $\left(\begin{matrix} WMAN \\ WPAN \end{matrix}\right)$ characterized by being $\left(\begin{matrix} low \\ high \end{matrix}\right)$ power consumption, $\left(\begin{matrix} hard \\ easy \end{matrix}\right)$ installation, $\left(\begin{matrix} high \\ low \end{matrix}\right)$ data rates and $\left(\begin{matrix} unlicensed \\ licensed \end{matrix}\right)$ frequency bands.

3. **Sort the following security methods from the best (1) to worst (5).**

____ WEP

____ WAP+TKIP/AES

____ WPA+AES

____ WPA+TKIP

____ WPA2+AES

4. Name at least five potential applications for wireless networks:

1. _____

2. _____

3. _____

4. _____

5. _____

5. Complete the following table:

	Bluetooth	IrDA	Wi-Fi
Type of wave			
Typical range			
Line of sight required?			
Maximum data rate			
Frequency bands			

6. Match the terms shown on the left column to the corresponding definitions on the right column.

BSS Identifier	Network in which devices communicate with each other point to point and no access point is required
Ad hoc network	Access point together all associated stations
Infrastructure network	Alphanumeric key identifying the WLAN
Station	Whatever device having the capability to interfere the wireless medium
Basic service set	Enables the interconnection of wireless networks to the wired network.
Distribution system	Network in which devices communicate with each other through an access point.