



ST. MARY'S CO_ED SCHOOL, HARDA

SUBJECT – COMPUTER

CHAPTER – 2, WIRELESS AND CLOUD TECHNOLOGIES

➤ **Answer in one word/sentence.**

1. Write the full form of GPS and GPRS.

Ans. **G**lobal **P**ositioning **S**ystem and **G**eneral **P**acket **R**adio **S**ervice

2. Write the full form of Wi-Fi and WiMAX.

Ans. **W**ireless **F**idelity and **W**orldwide **I**nteroperability for **M**icrowave **A**ccess

3. In which Communication Technology should the communicating devices lie close to each other (usually called line-of sight distance) to be able to work?.

Ans. Infrared technology.

4. Which technology is used to form a wireless headset connected remotely to a cell phone?

Ans. Bluetooth

5. Which Communication Technology uses short range radio frequencies to interconnected electronic device such as mobile phones, PCs, etc.?

Ans. Bluetooth

6. In cloud computing what does the term cloud refer to?

Ans. Internet

7. What is the reason for increased coverage range of WiMAX over Wi-Fi?

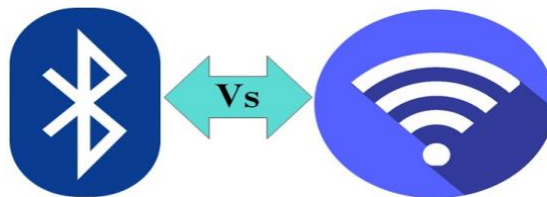
Ans. The WiMAX Technology will be of greater use when it comes to covering to whole City for internet access which is far more convenient than putting lots of Wi-Fi hotspots in the city.

8. What do you call a number of satellites with coordinated ground coverage?

Ans. A satellite constellation.

➤ **Give Short Answers.**

1. What is the difference between Bluetooth and Wi-Fi ?



Ans. Both **Bluetooth** and **Wi-Fi** are used for providing wireless communication through radio signals. The most distinction between Bluetooth and Wifi is that, Bluetooth is actually accustomed connect short-range devices for sharing information whereas Wi-Fi is used for providing high-speed web access or internet. Wi-Fi provides high information measure because the speed of web is a vital issue.

2. What is the difference between Wi-Fi and WiMAX Technology ?



Ans. **WiFi:**

Wi-Fi stands for Wireless Fidelity. Wi-Fi uses Radio waves to provide wireless high-speed internet and network connections. A Wi-Fi connection is established using a wireless adapter to create hotspots. Wi-Fi antennas size small enough to be placed on a very small router. Wi-Fi can be used to connect with printer, computers, gaming consoles and many more.

WiMax:

WiMax stands for Wireless Inter-operability for Microwave Access. WiMax uses licensed or unlicensed spectrum to deliver connection to network. WiMax handle a larger inter-operable network. WiMax can be used to provide internet services such as mobile data and Wi-Fi spots.

3. What is the use of the 3G/4G Network Technology?



Ans. 3G and 4G are both networks that connect your phone to the internet. The “G” in each stands for generation. So where 3G means 'third generation', 4G stands for 'fourth generation'. As it is with most techy things, the larger number indicates the newer, better version of a particular technology. ... 4G is faster.

4. What is GPS write down its uses?



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Ans. The Global Positioning System (**GPS**) has been developed in order to allow accurate determination of geographical locations. The Global Positioning System (**GPS**) is a navigation system using satellites, a receiver and algorithms to synchronize location, velocity and time data for air, sea and land travel. The fourth satellite also moves us into the third-dimension and allows us to calculate the altitude of a device.

5. What is cloud computing?



Ans. Cloud computing is the delivery of different services through the Internet. These resources include tools and applications like data storage, servers, databases, networking, and software. Cloud-based storage makes it possible to save files to a remote database and retrieve them on demand.