

Subject – Computer

Class-8th

CHAPTER – 3 WIRELESS AND LATEST TECHNOLOGIES (EXERCISE)

Fill in the blanks

- a. Infrared**
- b. Bluetooth**
- c. Hotspot**
- d. 3G**
- e. GPRS**
- f. GPS**
- g. Blu Ray**
- h. Cloud Computing**
- i. Thin Clients**

TRUE - FALSE:

- 1. TRUE**
- 2. FALSE**
- 3. FALSE**
- 4. TRUE**
- 5. FALSE**
- 6. TRUE**
- 7. TRUE**
- 8. FALSE**

IMPORTANT POINT = CLOUD TERM USED FOR INTERNET

Question/ Answers

ANSWER1: Bluetooth technology use short range radiolink to connect and does away with the need for cables. Wi-Fi stands for wireless fidelity and is the term used for high-speed wireless access Technology. It uses long range radio waves so that the distance covered is more.

ANSWER 2:

Wi-Fi vs Wi-Max

Wi-fi	Wi-Max
Wi-Fi is mostly an end user technology where users can purchase Wi-Fi devices and configure them by themselves.	WiMAX is mostly deployed by service providers.
<u>Applications:-</u> Wi-Fi is needed to serve for household and corporate needs of interconnectivity. Wi-Fi technology connects printers to computer, gaming consoles to router etc.	<u>Applications:-</u> WiMAX serves a larger inter-operable network. WiMAX can be used to provide internet services to a larger area where it can serve households, mobile phones and even Wi-Fi spots.

ANSWER 3: 3G finds application in wireless voice telephony, mobile Internet access, fixed wireless Internet access, video calls and mobile TV.

ANSWER4: The Global positioning system (GPS) is based on information received satellite that allows user with the receiver to determine the precise coordinates before their location on the earth's surface.

1. Location – determining a position.
2. Navigation – getting from one location to another.
3. Tracking – monitoring object or personal movement.

ANSWER 5: The format was developed to enable recording, rewriting and playback of high definition video (HD) , as well as storing large amount of data. The format offers more than five times the storage capacity of traditional DVD and can hold up to 25 GB on a single layer disc and 50gb on a dual- layer disc

ANSWER 6: With cloud , the problem of PC owners world-wise such as hard drive crash , dumb corruption , hardware failure , unable to retrieve data , would become a thing of the past Businessman would no longer need to carry external hard drive briefcase full of disc. Student would simply save their term papers in online storage.

Full Form's

1. Wi-Fi - “wireless Fidelity”
2. GPS - Global Position Systems