**5G Technology**

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**What is 5G?**

* 5th generation wireless technology.
* Complete wireless communication with almost no limitations.
* Can be called REAL wireless world without any doubt
* Has incredible transmission speed

**Evolution from 1G to 5G**

**1G**

* Developed in 1980s & completed in

Early 1990s.

- Allows user to make voice calls in 1 country

**2G**

* Services such are digital voice & SMS with more clarity.

**3G**

* Developed between late 1990s & early 2000s until present day
* Transmission speed from 125 kbps to 2 Mbps.
* Superior voice quality.
* Good clarity in video conference

**4G**

- Developed in 2010

- Faster & more reliable

-Speed up to 100 Mbps

-High performance

-Low cost

**5G**

Next major phase of mobile telecommunication & wireless system

10 times more capacity than others

Expected speed up to 1 Gbps

More faster & reliable than 4G

Lower cost than previous generations

**Features of 5G**

* High resolution for crazy cell phone users
* Bi-directional large BW
* Less traffic
* Uploading & Downloading speed of 5G touching the peak (up to 1 Gbps)
* Better & fast solution
* Support private networks
* More attractive & effective

**Advantages of 5G**

* Data BW of 1 Gbps or higher
* Globally accessible
* Available at low cost

**Disadvantages of 5G**

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**Conclusion**

5G- User Centric

* The new coming 5G technology will be available in the market at affordable rates.

**Thank You All**