**What is 5G?**

5G is the fifth generation of wireless cellular technology, designed to connect people, machines, objects, and devices through high-speed and low-latency data connections. 5G is expected to deliver the following:

* Higher peak data speeds: Up to 20 Gbps, compared to 4G's peak speed of 1 Gbps.
* Ultra low latency: For a more immediate response.
* More reliability: For a more uniform user experience.
* Massive network capacity: By expanding into new spectrum.

**Key advantages:**

1. Faster speeds.
2. Lower latency.
3. Greater capacity.
4. Enhanced network reliability.
5. Improved energy efficiency.

**Use cases of 5G:**

* Enhanced mobile broadband(EMBB)
* Ultra reliable and low latency communication(URLLC)
* Massive machine type communication(MMTC)