**Udomah Enwongo-Abasi Mfon**

**CSC 202**

**18/SCI01/091**

**Assignment.**

List Eight (8) advantages of Integrated Circuits.

**Answers.**

1. The entire physical size of IC is extremely small than that of discrete circuit.
2. The weight of an IC is very less as compared entire discrete circuits.
3. It’s more reliable.
4. Because of their smaller size it has lower power consumption.
5. It can easily replace but it can hardly repair, in case of failure.
6. The temperature differences between components of a circuit are small.
7. It has suitable for small signal operation.
8. It has increased the operating speed due to an absence of parasitic and capacitance effect.