You can solve this assignment in group of two (students) and please mention reference you will use from internet or from any book. Write in your own words and submit on Blackboard.

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**Q. No. 1 List key hardware and software technologies used in building computer of each of the five generations. (10 Marks)**

**Q. No. 2 Differentiate between the characteristics of primary and secondary storage of a computer systems? (5 Marks)**

**Q. No. 3 Differentiate between an input and output device. Can a device be used as both an input and output device? (5 Marks)**

**Q. No. 4 Write a short Note on Following? (10 Marks)**

1. **OCR**
2. **OMR**
3. **Bar Code**
4. **MICR**
5. **Chain Band Printer**

**Q. No. 5 what are the two main component of CPU of a computer System? (5 Marks)**

**Q. No. 6 Are all public domain software “freeware”? Explain. (5 Marks)**

**Q. No. 7 Write about RAM, ROM, Cache and Register. (10 Marks)**