

## **Assignment I**

### **UNIT-I**

#### **PART-A**

1. What are the eight ideas in computer architecture?
2. What is uniprocessor?
3. What is instruction register?
4. What is program counter?
5. What is processor time?
6. What is superscalar execution?
7. What is RISC and CISC?
8. List out the methods used to improve system performance.

#### **PART-B**

1. Explain in detail the different Instruction types. Compare their merits and demerits.
2. Explain the different types of Addressing modes with suitable examples. (Dec 2012)
3. Discuss in detail about Instruction performance and CPU performance of a computer
4. What are the various logical operations and explain the instructions supporting the logical operations.