**SAINTGITS COLLEGE OF APPLIED SCIENCES**

**First Internal Assessment Examination, FEB 2019**

**Department of BCA, Semester I**

**COMPUTER ORGANIZATION AND ARCHITECTURE**

Time : **2 hours** Total: **50 Marks**

**Section A**

*Answer any 5 questions. Each question carries 2 marks.*

1.What is direct operand?

2.Explain indirect operand?

3.Explain Immediate operand?

4What is ALU?

5.Explain Register set?

6.What is a counter?

**(5 X 2 = 10 marks)**

**Section B**

*Short essay questions*

*Answer any 5 questions. Each question carries 5 marks.*

7.Explain operation code?

8. Explain Timing Control?

9.Explain instruction set completeness?

10.Explain computer registers?

11.What is an instruction code?

12.Explain addressing modes?

**(5 X 5 = 25 marks)**

**Section C**

*Long essay questions*

*Answer any 1question. It carries 15marks.*

13.Explain major components of CPU?

14.Explain computer instructions?

**(1 X 15 = 15 marks)**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**