**SAINTGITS COLLEGE OF APPLIED SCIENCES**

**PATHAMUTTOM, KOTTAYAM**

**FIRST INTERNAL EXAMINATION, FEBRUARY 2020**

**Department of computer applications, Semester II**

**Computer Organization and Architecture**

Total : 50 **marks** Time: **2 hours**

**Section A**

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

1. Define addressing modes.

2. Define Memory-reference instruction.

3.What is Control word.?

4. Define instruction code

5.Explain Reverse Polish Notation.

6. Define RAM & ROM.

**Section B**

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

7. Differentiate direct and indirect address.

8.Explain Register stack with figure.

9. Explain basic functional units of a computer with a neat diagram.

10.Explain general register organization with figure.

11.Explain types of interrupts.

12. Explain memory locations and addresses.

**Section C**

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

13.Explain Various addressing modes with example.

14. Explain Instruction cycle.



*[Scan QR code for Answer Key]*