**B.Sc.(IT) VI Semester Sessional Examination, March 2018**

**Subject Name: Microprocessor and its interfacing**

**Duration: 1:30 hr. Max Marks: 50**

**Section A**

**(Short Answer Type) 5 questions of 8 marks each (any 3) 8 x 3 = 24**

1. Write an assembly program for multiplication of two numbers.

2. Explain interrupt and its type and categories.

3. Draw flag register and name all of them.

4. What is the relation among, assembler, compiler, debugger, linker and loader?

**Section B**

**(Long Answer Type) 2 questions of 13 marks each (any 2) 13 x 2 = 26**

1. Draw pin diagram of 8086 and give description of each pin

2. Draw block diagram of 8086 with description.

3. List all the addressing modes and explain any 4 addressing modes.

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