**II-BTECH(R16)-CO-MODEL QUESTIONS –UNIT 3**

1. Discuss various Input output operations that can be performed in a computer with examples wherever necessary?
2. Explain various logic instructions in detail with suitable example?
3. What are different types of shift operators?Explain each of them for the hexadecimal number 5A?
4. What are different types of rotate operators?Explain each of them for the hexadecimal number 6B?
5. What are different branch instructions available?What is the branch instruction format?Explain how the pc will be updated by considering any instruction as an example?
6. Write an Assembly program to add numbers ,also try to explain how the condition codes are set to perform branching?