



# Assam Textile Institute

*Empowering Textile Education*



**COURSE TITLE = TEXTRONICS**

**COURSE CODE = TT-603**

**ASSIGNMENT No.(3)**

**Full Marks = 20**

**Faculty,**

**PANKAJ JYOTI DAS**

# All Questions are Compulsory

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- 1) What is PLC ? Give two examples. (2)
- 2) Draw the Block Diagram of PLC and Explain working of each block. (6)
- 3) Draw Ladder Diagram for OR gate & AND gate. (2)
- 4) Write all the COMPONENTS of 8051 Microcontroller. (2)
- 5) Draw the Architecture of 8051 Microcontroller and explain each block of it. (8)