- 00 Explain the following
- Advantages and disadvantages of CNC machine.

(b) What is a manufacturing system? Explain flexible manufacturing system.

(a) What are absolute and incremental methods of positioning in NC and CNC machine tools? 10

10

What is components of a NC system. NC system ? Explain different

Roll No.

Branches) Examination - December, 2017 B. Tech 1st Semester (Common for All BASICS OF MECHANICAL ENGG.

Paper: ME-101-F

Time : Three Hours] [Maximum Marks: 100

Before answering the questions, candidates should ensure that No complaint in this regard, will be entertained after examination. they have been supplied the correct and complete question paper.

Note: Attempt five questions. Question No. 1 Section. compulsory. Attempt any one question from each

Explain the following:

 $4 \times 5 = 20$

- (a) What is Zeroth law of thermodynamics? Explain with example.
- (b) Hook's Law.

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P. T. O.

2