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2 The Product Cycle in a Conventional Manufacturing Environment
 4 The influence of Computer used in Manufacturing Environment
 5 The common database as Linkage to the various Computerized Application
 6 Production Activity Production activity can be divided into four main categories:
 Continuous Flow Process
 Mass Production Batch Production Job Shop Production .

the turret lathe section operates 10 shift/wk. the number of hours per shift average 8.0. Average production rate of each machine is 17 Unit/hr . MTBF indicates the average length of time the piece of equipment runs between break downs .

$$MLT = n_o(T_{su} + Q T_c + T_{no})$$

MLT is manufacturing lead time (min) n_o number of operations (machines) T_c is the operation cycle time (hr)