

Technology Management including Manufacture Strategy [Operations] [16/10/08]

Roll No:

Total No. of questions: 4 (Four)

Duration: 3 Hours

Total No. of Printed pages : 1 (One)

Maximum Marks: 60

TMMS 03

Attempt all questions

Each question carries equal marks

1. Discuss how to measure and improve the reliability? Discuss the parallel and series system. If a system has three components with individual reliability $R_1(0.95)$, $R_2(0.98)$ and $R_3(0.90)$; compare the reliability if the system lies in parallel and series.
2. Elaborate the wastes that lead to JIT.
3. What is mass customisation?
4. Short Questions:- (any 2)
 - DRUM-BUFFER-ROPE Analysis
 - Human Aspect of Technology (Jidoka + Autonomation)
 - Design for reliability, manufacturing, assembly