

M. Prod. E 1st year 1st semester Examination 2025

Ref No: EX|PG | Prod E|T|116B|2025

Subject: Productivity and Quality Management

Time: 3 hours

Marks: 100

Answer any five questions:

1. a) Differentiate between Partial productivity measure and Total productivity measures through an example known to you. (20)

2. Discuss Theory of Constraints (TOC) with suitable example. (20)

3. Elucidate the major steps of Productivity Improvement. (20)

4. Justify the importance of Quality Management in manufacturing Industries. (20)

5. Discuss QFD. (20)

6. Write short note on any two.

a) Latin square

b) Deming's theory

c) Problem Solving Tools

d) Randomized Block Design (RBD)

e) Regression Analysis.

f) Factorial Design. (10+10=20)