

NATIONAL UNIVERSITY OF IRELAND
GALWAY

SEMESTER I
EXAMINATIONS

2000-2001

**First University Examination in
Industrial Engineering and Information Systems, Undenominated
Engineering, Management Engineering with Language**

Introduction to Industrial Engineering

**First University Examination in
Management Engineering with Language**

Introduction to Management Engineering

Examiners: Dr. E.J. Wright
Professor M. E. J. O'Kelly
Dr. David O'Sullivan

Instructions: Time allowed: two hours
Attempt all questions from section A
Attempt two questions from section B
See further instructions at beginning of section A and section B

Section A

Instructions:

Attempt all questions. Use no more than 30 words to explain your answers

1. Define Engineering
 2. Explain the term interchangeability
 3. What is the 'Make to Order' approach to producing products
 4. Define a mass producer of discrete components
 5. Explain how the Design and Manufacturing functions interact.
 6. Explain the term Utilisation.
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7. What are Factory Overheads
 8. Define 'return on investment'
 9. What is 'work in progress' – should it be large or small
 10. Explain some engineering aspects of eCommerce
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