



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

**THIRD YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE IN INDUSTRIAL
CHEMISTRY WITH INFORMATION TECHNOLOGY**

MAIN CAMPUS

ABA 323: PRODUCTION AND OPERATIONS MANAGEMENT

Date: 16th June, 2017

Time: 12.00 - 3.00 pm

INSTRUCTIONS:

- Answer question ONE (Compulsory) and any other THREE questions.
- Question one carries 25 marks. The others carry 15 marks each



1. (a) Decisions regarding selecting a location need a balance of several factors. Discuss the primary and secondary factors. (20 marks)
(b) Discuss the Objectives of Production Management (5 marks)
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2. Giving relevant characteristics classify the Production System
(15 marks)

3. Discuss the activities under production and operations management functions (15 marks)

4. The principle of production planning and control lies in the statement 'First Plan Your Work and then Work on Your Plan'. Discuss the main functions of production planning and control(15 marks)

5. a. Discuss the Objectives of Quality Control (10 marks)
b) Explain the Benefits of Quality Control (5 marks)

6. Explain the following concepts of production and operations management
 - a) Job Design (5 marks)
 - b) Forecasting (5 marks)
 - c) Inspection and quality control (5 marks)
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