



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF BUSINESS AND ECONOMICS

DEPARTMENT OF BUSINESS ADMINISTRATION

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF COMMERCE

BMS 401: PRODUCTION AND OPERATIONS MANAGEMENT

DATE: 4/12/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS:

- This paper consists of two sections
- Section A is compulsory (30 marks)
- Answer any two questions from section B (Each 20 marks)

SECTION A

QUESTION ONE (30 MARKS)

Assume you have attended an interview for a production Manager position and have been asked to:

- Explain the difference between mass production and batch production. (6 marks)
- Describe three methods of Production (6 marks)
- Explain the functions of the personnel in your department (8 marks)
- Explain the importance of Production management in an organization. (6 marks)
- Explain two ways in which the effectiveness of a production system can be measured. (4 marks)

Explain yourself to the panel.

QUESTION TWO (20 MARKS)

- Explain five factors that affect product design (10 marks)
- Explain the functions of operation scheduling. (10 marks)

QUESTION THREE (20 MARKS)

- a) Describe five strategic decisions made by the top management of any firm concerning production management (10 marks)
- b) Regardless of the time horizon, there are certain types of forecasting that are a must to any organization. Explain. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Any organization worth its salt must have an effective production control mechanism in place. Clearly explain the objectives of production control. (10 marks)
- b) Explain giving clear examples, the primary factors that influence the plant location decision. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Clearly describe how efficient Production Management will benefit the various sections of the society. (10 marks)
- b) Explain five factors that determine effective capacity. (10 marks)