



# MACHAKOS UNIVERSITY

University Examinations 2021/2022 Academic Year

SCHOOL OF BUSINESS, ECONOMICS AND HOSPITALITY AND TOURISM

MANAGEMENT

DEPARTMENT OF BUSINESS ADMINISTRATION AND FINANCE

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF COMMERCE

**BMS 401: PRODUCTION AND OPERATIONS MANAGEMENT**

**DATE: 29/8/2022**

**TIME: 8.30-10.30 AM**

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## INSTRUCTIONS

**Answer question one and any other two questions**

### QUESTION ONE (COMPULSORY) (30 MARKS)

- An intern is currently attached in your department. As his immediate supervisor, explain to him in **five** points what scheduling entails. (10 marks)
- With an aid of a diagram, explain the concept of production system. (10 marks)
- You are the Operations Manager of ABC company. Your company has been experiencing fluctuations in its capacity. Explain to the management **five** factors that they should consider for them to achieve an effective capacity. (10 marks)

### QUESTION TWO (20 MARKS)

- You have been charged with the responsibility of formulating an operational plan for your department, describe five elements that you must capture to make it more functional. (10 marks)
- Explain five general locational factors that must be considered by any type of organization before locating its plant. (10 marks)

**QUESTION THREE (20 MARKS)**

- a) Directing is one of the objectives of production control. Elaborate this statement in five points. (10 marks)
- b) Explain five ways in which efficient production would benefit various sections of a society. (10 marks)

**QUESTION FOUR (20 MARKS)**

- a) Forecasting is an indispensable tool for decision making. Explain five benefits of forecasting. (10 marks)
- b) Explain **five** benefits that are enjoyed by a firm that practices production control. (10 marks)

**QUESTION FIVE (20 MARKS)**

- a) ABC company has decided to introduce a new product in its product line. Explain **five** factors that will influence their new product design. (10 marks)
- b) Clearly describe the four levels of production control. (10 marks)

