



Kasarani Campus
Off Thika Road
Tel. 2042692 / 3
P. O. Box 49274,
NAIROBI
Westlands Campus
Pamstech House
Woodvale Grove
Tel. 4442212
Fax: 4444175

KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
FIRST YEAR, FOURTH SEMESTER EXAMINATIONS
FOR THE DIPLOMA IN PROCUREMENT AND SUPPLY MANAGEMENT
DPS 1401-OPERATIONS MANAGEMENT

Date: 14th April, 2022
Time: 2.30 Pm – 4.30Pm

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Identify five roles of materials management for a busy manufacturing organization (5 marks)
- b) Highlight five factors an operations manager would consider when planning for acquisition of materials to be used in production processes (5 marks)
- c) Describe five characteristics of job shop production systems in operations management (5 marks)
- d) Explain five factors that cause breakdown of equipments in a manufacturing organizations (5 marks)
- e) Highlight five advantages of process layout in a manufacturing organization (5 marks)
- f) Explain five advantages of flexible manufacturing systems in production organizations (5 marks)

QUESTION TWO (20 MARKS)

- a) Describe the process of benchmarking of organizations products with other similar competitive organizations (10 marks)
- b) Discuss why most developed nations choose to locate their manufacturing operations in a country like China or India (10 marks)

QUESTION THREE (20 MARKS)

- a) Discuss five benefits of effective plant layout in a manufacturing organization (10 marks)
- b) Explain five types of plant maintenance in a manufacturing set up (10 marks)

QUESTION FOUR (20 MARKS)

- a) Explain five ways in which a production manager can make the production of materials more efficient for a production organization (10 marks)
- b) Evaluate five challenges experienced during production control process in a manufacturing organizations (10 marks)

QUESTION FIVE (20 MARKS)

- a) Describe the steps followed when coming up with a new product in a manufacturing set up (12 marks)
- b) Explain the importance of transformation process in operations management (8 marks)