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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2023/2024 ACADEMIC YEAR
FIRST YEAR, FOURTH SEMESTER EXAMINATION
FOR THE DIPLOMA IN PROCUREMENT AND SUPPLIES MANAGEMENT
DPS 1401-OPERATIONS MANAGEMENT

Date: 9th August 2023
Time: 11.30am-1.30pm

INSTRUCTIONS TO CANDIDATES:

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Discuss objectives of Operations Management (6 Marks)
- b) Describe the works undertaken by materials management expert (6 Marks)
- c) Explain at least three benefits of developing an effective product idea (6 Marks)
- d) Describe at least THREE Objectives of Product Design (6 Marks)
- e) List down the functions of Operational Management in terms of Day to Day activities (6 Marks)

QUESTION TWO (20 MARKS)

- a) Discuss steps in production planning and control (10 Marks)
- b) Explain in details types of production planning (10 Marks)

QUESTION THREE (20 MARKS)

- a) Describe the features for electronic records management in Operations Management (6 Marks)
- b) Discuss the problems caused by break down in operations management (10 Marks)
- c) Explain hypothetical questions to ask in Forecasting when predicting the demand of a product (6 Marks)

QUESTION FOUR (20 MARKS)

- a) Discuss different types of plant maintenance (10 Marks)
- b) Explain the advantages of plant layout (6 Marks)
- c) Discuss at least three key aspects of a business plan for a product idea (6 Marks)

QUESTION FIVE (20 MARKS)

- a) Discuss the Principles of Plant Layout (8 Marks)
- b) Describe situations in which product layout is suitable (6 Marks)
- c) List down the supply chain cyclical flow (6 Marks)