



**REFORMED CHURCH UNIVERSITY**

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**FACULTY OF COMMERCE**

**BACHELOR OF COMMERCE HONOURS DEGREE IN  
LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

**PRODUCTION AND OPERATIONS MANAGEMENT**

**HLSM 427**

**PART 4 SEMESTER 1**

**TOTAL MARKS [100]**

**DATE: June 2023**

**Time: 3 Hours**

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**INSTRUCTIONS**

1. This paper has *six (6)* questions
2. Answer question *one (1)* and *any* other *three (3)*
3. Each question carries *25 marks*
4. Start each question on a new page

**Question 1**

Assess any **five** factors affecting the selection of the production process (25 marks)

**Question 2**

Discuss the factors that are considered when planning the setting up of a plant or a facility. (25 marks)

**Question 3**

Explain the following terms giving practical examples

- a) Process Design (5 marks)
- b) Product design (5 marks)
- c) Quality control (5 marks)
- d) Production Planning (5 marks)
- e) Job Production (5 marks)

**Question 4**

Giving practical examples, Explain the new product development process (25 marks)

**Question 5**

Examine any **five** characteristics of project production system (25 marks)

**Question 6**

Explain how seasonal change can affect operations management (25 marks)

**End of paper**