



REFORMED CHURCH UNIVERSITY

FACULTY OF COMMERCE

**BACHELOR OF COMMERCE HONOURS DEGREE IN BUSINESS
MANAGEMENT**

PRODUCTION & OPERATIONS MANAGEMENT

HBUM 410

PART 4 SEMESTER 2 EXAMINATION

TOTAL MARKS [100]

DATE: OCTOBER 2024

Time: 3 Hours

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

1. Discuss any 5 types of inventory and their associated costs in a manufacturing company of your choice. [25 marks]
2. Explain the Economic Order Quantity (EOQ) model, and its applications in a manufacturing company of your choice. [25 marks]
3. Analyse any 5 factors influencing inventory management decisions in manufacturing companies operating in developing countries. [25 marks]
4. Explain the following as applied in production and operations management of an organization:
 - (i) Gantt charts (8)
 - (ii) Critical Path Method (CPM) (8)
 - (iii) Program Evaluation and Review Technique (PERT) (9)
5. Discuss the challenges project management in production and operations of an organization of your choice. [25 marks]
6. Analyse the impact of scheduling and project management strategies on project completion time, cost, and resource utilization as used in an organization of your choice [25 marks].

END OF PAPER