



**REFORMED CHURCH UNIVERSITY**

---

**FACULTY OF COMMERCE**

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

**PORT & SHIPPING MANAGEMENT**

**HLSM 429**

**PART 4 SEMESTER 2**

**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 the critical roles played by ports in facilitating international trade and the global supply chain. [25]
2. Discuss any 5 strategies ports may use to improve cargo handling, reduce turnaround times, and attract new business in a developing economy. [25]
3. Evaluate the impact of big data and block chain on port operations and shipping management. [25]
4. Discuss any 5 strategies ports may adopt to become more sustainable, including reducing emissions, managing waste, and promoting energy efficiency. [25]
5. Examine the benefits and drawbacks of autonomous vessels including safety concerns and job displacement. [25]
6. Analyze the strategies for enhancing port security, including cyber security measures and international cooperation. [25]

**END OF PAPER**