GALGOTIAS UNIVERSITY

ADMISSION NUMBER

School of Business

Bachelor of Business Administration
Semester End Examination - Jul 2024

Duration : 180 Minutes
Max Marks : 100

Sem IV - D1UC401T - Warehouse Management and Inventory Control

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1)	Identify & enlist the key material handling equipment for warehouse management. Also discuss in detail.	K3(3)
2)	Compare Bounded and Cooperative Warehouses with suitable examples from Milk based product organizations.	K4(4)
3)	Identify the key factors to be consider when designing an efficient and sustainable warehouse facility.	K3(6)
4)	Elaborate different risk bearing situations in Warehouse Management of Petrochemical products.	K6(6)
5)	Break-Bulk is a part of Warehouse Value Added Services - can you elaborate more about this facility in managing warehouses.	K6(6)
6)	Distinguish between Industrial Storage Bins and Industrial Storage Cabinets for managing materials. Suggest on the basis of your analysis, which one in useful for FMCG Producing Organization.	K4(8)
7)	How would you identify the various functions and considerations involved in utilizing warehouses for the storage of long-term inventory? Provide practical examples, discuss key factors influencing inventory storage decisions, and highlight best practices for optimizing warehouse storage capacity and efficiency.	K3(9)
8)	Address potential risks associated with warehouse management, such as obsolescence, deterioration, theft, or damage, and select proactive risk management measures, such as regular inventory audits, insurance coverage, and contingency plans.	K3(9)
9)	Conveyer systems in warehousing are used for moving materials between fixed points, explain various types of conveyer systems in detail with t.their importance.	K5(10)
10)	Implementing RFID Technology: Company DEF is considering implementing RFID technology in its warehouse to improve inventory visibility and tracking accuracy. The company aims to reduce manual data entry errors and streamline inventory management processes. Task: Assess the potential benefits and challenges of implementing RFID technology in Company DEF's warehouse operations.	K4(12)

Develop a plan for the implementation of RFID technology, including the selection of RFID tags, readers, and software systems. Discuss how the implementation of RFID technology will impact inventory accuracy, labor efficiency, and overall warehouse performance.

11) What safety features should be considered, when selecting industrial shelving frames to prevent accidents or injuries in the workplace? Discuss those features in detail. K6(12)

12) Case Study: Elevating Workplace Safety: A Comprehensive Case Study on XYZ Industries' Implementation of Innovative Industrial Safety Equipment Introduction: Industrial safety equipment is indispensable for safeguarding the health and well-being of workers across diverse industries. In this comprehensive case study, we delve into the strategic initiatives undertaken by XYZ Industries, a prominent manufacturing company, to revolutionize workplace safety through the adoption of innovative industrial safety equipment. K5(15)

Background: XYZ Industries has established itself as a leader in the automobile parts manufacturing sector, with a reputation for excellence in product quality and operational efficiency. Recognizing the critical importance of workplace safety, XYZ Industries has embarked on a journey to enhance safety standards and mitigate occupational hazards across its facilities.

Solve the below challenges (5 marks each)
Challenges: Prior to the implementation of innovative safety equipment, XYZ Industries faced several challenges in ensuring optimal workplace safety:

1. Complex Operational Environment: The manufacturing processes at XYZ Industries involved intricate machinery and equipment, posing inherent safety risks to workers.

2. Compliance Requirements: Adhering to stringent regulatory requirements and industry standards presented a constant challenge for XYZ Industries, necessitating continuous improvement in safety protocols and equipment.

3. Risk Mitigation: Proactively identifying and mitigating potential safety hazards in real-time was essential to prevent accidents and injuries, but posed logistical challenges due to the scale and complexity of operations.