



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF BUSINESS & ECONOMICS

**UNIVERSITY EXAMINATION FOR BACHELOR DEGREE LOGISTICS AND
SUPPLY CHAIN MANAGEMENT**

2ND YEAR 2ND SEMESTER 2022/2023 ACADEMIC YEAR

MAIN / NAIROBI CAMPUS

COURSE CODE: BEB 1206

COURSE TITLE: MATERIALS HANDLING

EXAM VENUE:

DATE: 22/12/2022

EXAM SESSION:

DURATION: 2 HOURS

INSTRUCTIONS

- 1. Answer QUESTION ONE and any other TWO questions**
- 2. Candidates are advised not to write on the question paper**

QUESTION ONE

- A. Azen automotive company has over the past years been on the news headlines for cases of employees injured at work where some of them had their arms chopped off, as a professional advice the management on the best strategies to ensure safety of employees at work. (10 marks)
- B. Explain five emerging trends in materials handling. (10 marks)
- C. Describe five objectives of materials handling. (10 marks)

QUESTION TWO

- A. Materials handling is considered crucial for customer satisfaction. Elaborate on this statement. (5 marks)
- B. Discuss five metrics for measuring materials handling performance (10 marks)
- C. Explain five importance of an efficient materials handling system. (5 marks)

QUESTION THREE

- A. Assuming that you have been hired as the Operations manager at Coca Cola Company. Giving relevant examples, discuss the principles you would adopt to ensure smooth and efficient materials flow within the manufacturing facility. (20 marks)

QUESTION FOUR

- A. Discuss the promotional aspect of packaging. (5 marks)
- B. Explain how economies of scale can be applicable in materials handling. (5 marks)
- C. Discuss factors to be considered before purchasing equipment. (10 marks)

QUESTION FIVE

- A. Explain five objectives of packaging. (10 marks)
- B. Discuss five advantages of automated materials handling system over manual materials handling system. (10 marks)