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KIBABII UNIVERSITY



**UNIVERSITY EXAMINATIONS
MAIN EXAMS**

2022/2023 ACADEMIC YEAR

**FOR THE DEGREE OF BACHELOR OF BUSINESS MANAGEMENT
THIRD YEAR SECOND SEMESTER**

COURSE CODE: BBL 328

COURSE TITLE: ICT FOR LOGISTICS

DATE: 10/08/2023 TIME: 11:00AM-1:00PM

INSTRUCTIONS TO CANDIDATES

- 1) Answer Question **ONE**(Compulsory) and **ANY OTHER TWO** Questions
 - 2) Candidates must hand in their answer booklets to the invigilator while in the examination room
 - 3) Credit is given for legibility, clarity and use of relevant examples
 - 4) Question **ONE** is **30 marks** while Questions **2-5** carry **20 marks** each
 - 5) Clearly write your **Registration Number** on each answer sheet used
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TIME: 2 Hours

KIBU observes ZERO tolerance to examination cheating

QUESTIONS : SECTION A

QUESTION ONE

- a. Explain types of information technology applicable in logistics. [5Marks]
- b. Discuss key factors when acquiring Alogistics information system. [5Marks]
- c. Examine the drawbacks an organization would experience as a result of technical failure in a logistics planning technology. [5Marks]
- d. Explain the pros and cons of ERP as an information technology applied in logistics management.. [5Marks]
- e. Discuss how systemic development of logistics information system would be beneficial to an organization. [5Marks]
- f. Explain the terminology "Technology Congestion Pricing". [5Marks]

QUESTIONS : SECTION B

QUESTION TWO

- a. Discuss the technological options being developed to decrease fuel consumption and CO₂ emissions within the logical chain in the era of rising energy prices. [10 Marks]
- b. Describe the Advanced Transport Management systems (ATMS) as applied in contemporary logistics. [10 Marks]

QUESTION THREE

- a. Explain how EDI helps in reducing transaction cost and time. [10 Marks]
- b. Analyze the key steps that should be followed in implementing blockchain technology in a logistics firm of choice. [10 Marks]

QUESTION FOUR

- a. Explain the concept of cybersecurity in logistics operations management. [10Marks]
- b. Describe the working of logistics data analytics. [10 Marks]

QUESTION FIVE

- a. A firm is contemplating adopting theInternet of Things (IoT) in its logistics operations. Explain the reasons behind this development. [10 Marks]
- b. Examine the factors to be considered when selecting last mile delivery technologies in a logistics firm of choice. [10Marks]