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

TIME:2 Hours

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 CO_2 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]