



OFFICE OF THE DEPUTY PRINCIPAL
ACADEMICS, STUDENT AFFAIRS AND RESEARCH

UNIVERSITY EXAMINATIONS

2017 /2018 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER REGULAR EXAMINATION

**FOR THE DEGREE OF BACHELOR OF
ECONOMICS**



COURSE CODE: ECO124

**COURSE TITLE: INTRODUCTION TO COMPUTER
SYSTEM II**

DATE: 2ND MAY, 2018

TIME: 9 AM – 12 PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF 3 PRINTED PAGES

PLEASE TURN OVER

INSTRUCTIONS TO CANDIDATES

- Answer Question **ONE** and any other **TWO** questions
- Question **ONE** carries 30 marks
- Do not write on the question paper

Question One

- a) Define Management Information System (2 Marks)
- b) Explain three roles of Information systems in an organization. (3 Marks)
- c) Describe the information systems that would support the structured, semi-structured and unstructured decisions by the various levels of management in organizations (6 Marks)
- Unstructured: senior manager-
 - Semi structured: middle level managers
 - Structured: operation management
- d) You are required to prepare a report on the composition of an information system to new employees of your company. Describe the contents of your report? (9 Marks)
- e) Identify key components of a security policy that can be deployed in an organization (10 Marks)

Question Two

- a) Files need to be properly arranged and organized to facilitate easy access and retrieval of the information. Explain FOUR types of file organisations. (4 Marks)
- b) Explain three types of new Information System conversion in an organization (6 Marks)
- c) Passwords are the most common security mechanisms. What format rules are usually prescribed for passwords to make them a strong security mechanism (4 Marks)
- d) The relational database organisation has many advantages over hierarchical and network database models. Explain (6 Marks)

Question Three

- a) As the chief information Officer. You are required to establish security controls in the information system in the firm. Briefly explain four types of controls you would suggest to be implemented in your firm. (8 Marks)
- b) Explain the meaning of System Analysis and Design (2 Marks)
- c) According to French management theorist, Henry Fayol, managers perform five major functions. Explain these functions. (10 Marks)

Question Four

- a) While explaining the data integrity an employee missed mentioning the importance of data security. Explain why Security in database systems is important to an organisation under your management. (10marks)
- b) When confronted with a situation that seems to present ethical issues, one should analyze it. Describe the five-step process that you may apply in this case. (10 Marks)

Question Five

- a) What higher-order values should inform your judgment when faced with an ethical decision making within a digital firm? (8 Marks)
- b) You are a newly employed data administrator in your company. What would be your job description? (4Marks)
- c) Briefly describe the Influence of Management Level on Information Source and Form (6Marks)


