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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
FIRST YEAR, FIRST SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION (ARTS)

Date: 7th December, 2022
Time: 2.30Pm –4.30pm

KLC 2102 - FUNDAMENTALS OF COMPUTING

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

Read the following excerpt carefully and answer the questions that follow

The Engineering Equipment Suppliers (EES) Limited is a supplier of engineering equipment. Customers place sales orders through one of the company's team of salesmen or directly with the company. All customers are sent monthly accounts (invoices are not produced for individual orders). The monthly customer's accounts (500) contain details of charges of all the items supplied during that month plus any outstanding items brought forward from previous months. Each salesman is paid a monthly commission based on the value of the sales orders which he obtained during the month. Sales produced directly with the company are credited to the appropriate salesman. The company places purchase orders with suppliers. Suppliers are paid monthly for the purchase orders only when all the items on a purchase order have been received. The purchase ledger contains 200 accounts and is growing by about 2% per year. The company maintains monthly ledger accounts showing details of supplier accounts, customer accounts and commission due to salesman. Given the functional description of the processes encountered at EES, do the following

- a) Discuss functions of operating systems. (5 marks)
- b) Discuss the concept of Sorting and its types. (5 marks)
- c) Discuss different types of computers with the technology and the memory capacity they used during its generations. (10 marks)
- d) State examples of operating system as stated in fundamentals of computing. (5 marks)
- e) Explain the steps you would follow to create a folder in my documents location. (5 marks)

QUESTION TWO (20 MARKS)

- a) State and explain types of input devices and their functions. (10 marks)
- b) Using a well-illustrated diagram discuss types of software's and their respective applications classification of software. (10 marks)

QUESTION THREE (20 MARKS)

- a) Discuss difference of word processor and excel and the diversity of their applications. (10 marks)
- b) State and explain different parts of a window and their specific functions. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Formatting comprises of many things put together for better appearance. discuss different types of formatting and their procedures. (10 marks)
- b) Database is a collection of related information organized to serve a specific purpose. In detail Discuss different objects of databases. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Discuss different Types of Computer Networks and their applicability. (10 marks)
- b) You are the marketing manager of Kiriri University and you are required to make a presentation at the Inter-University conference about Kiriri University. Discuss on the features you are going to use for a successful presentation. (10 marks)