



UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF

CERTIFICATE IN INFORMATION TECHNOLOGY

FIRST SEMESTER, 2023/2024

(AUGUST-DECEMBER, 2023)

CLIS 102: INTRODUCTION TO INFORMATION TECHNOLOGY FOR LIBRARIES

STREAM: Y1 S1

TIME: 2 HOURS

DAY: FRIDAY, 12.00 – 2.00 PM

DATE: 01.12.2023

INSTRUCTIONS

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE [Compulsory] and any other TWO Questions***

QUESTION 1

- Differentiate between data and information? 3mks
- Differentiate between CD-R and CD-RW storage devices 4mks
- State two portable storage devices used in an information center 4mks
- State three components of computer system 3mks
- Distinguish between system hardware and system software 4mks
- List three functions of a database in library? 6mks
- Distinguish between input and output devices, give an example of each 6mks

QUESTION 2

- What is a database? 2mks
- Describe three importance of computer databases? 6mks
- Discuss three classification of computer and give examples of each? 4mks
- Describe four negative impacts of ICT in Kisii University library 8mks

QUESTION 4

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| a. State 4 challenges faced by librarians in library management? | 8mks |
| b. State and explain classification of computers | 7mks |
| c. State three characteristics of RAM? | 3mks |
| d. State two types of scanning devices used in library? | 2mks |

QUESTION 5

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| a. Draw a block diagram of the CPU and briefly describe it | 5mks |
| b. Distinguish between Primary and Secondary Memory? | 6mks |
| c. Discuss the positive impacts of ICT in a learning institution | 9mks |