



TECHNICAL UNIVERSITY OF MOMBASA

School of Humanities and Social Sciences

Social Sciences

UNIVERSITY EXAMINATION FOR:

BACHELOR OF INFORMATION SCIENCE

HIS 4207: INFORMATION TECHNOLOGY IN LIBRARIES AND INFORMATION CENTRES

SERIES: MARCH 2024

TIME: 2 HOURS

DATE: 18Mar 2025

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE

- i. Explain Five challenges emanating from adoption of ICT by Libraries. (10 Marks)
- ii. Describe classification of computers by processing and purpose. (10 Marks)
- iii. Highlight the need of ICT in Libraries In terms of various facilities provided by computers and related technologies. (10 Marks)

Question TWO

- i. Describe what should be considered in choosing a reprographic machine for a library. (10 Marks).
- ii. Explain the purpose of a desktop publishing software. (10 Marks).

Question THREE

- i. Explain why libraries and information centers should digitize their collection (10 Marks)
- ii. Using two relevant examples, describe features of open source software of an integrated library management system. (10 marks).

Question FOUR

- i. Discuss ICT based services provided by libraries in their daily operations. (10 marks)
- ii. Explain trends in technology which libraries and information centers can adopt. (10 marks)

Question FIVE

- i. Discuss how information professional can stay ahead of the library technology curve. (10 Marks)
- ii. Describe testing and quality assurance in development of an integrated library management system. (10 Marks)