



# TECHNICAL UNIVERSITY OF MOMBASA

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School of Humanities and Social Sciences

Social Sciences

**UNIVERSITY EXAMINATION FOR:**

**BACHELOR OF INFORMATION SCIENCE**

**HIS 4203: INFORMATION RETRIEVAL SYSTEMS & PRACTICES**

**SERIES: JULY 2025**

**TIME: 2 HOURS**

**DATE: Pick Date Jul 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.**

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## **Question ONE**

- i. Explain the key components of an information retrieval system. (10 Marks)
- ii. Highlight five ways information retrieval relates to user needs. (10 Marks)
- iii. Describe four components of an information storage and retrieval system. (10 Marks)

## **Question TWO**

Explain five importance of bibliographies as retrieval tools. (10 Marks)

Highlight five importance of search engines in information retrieval. (10 Marks)

## **Question THREE**

Highlight five different types of searches used in information retrieval systems. (10 Marks)

Describe five key considerations for identifying a reliable source in academic research. (10 Marks)

## **Question FOUR**

Discuss five factors that can affect the information seeking behavior of individual users. (10 Marks)

Explain the five main categories of activities involved in the promotion and management of enterprises for which users may need information, as identified by Neelameghan. (10 Marks)

## **Question FIVE**

Discuss five impacts of ICT on information retrieval systems. (10 Marks)

Describe five characteristics of relevancy from a human judgment standpoint in information retrieval systems. (10 Marks)