



TECHNICAL UNIVERSITY OF MOMBASA

School of Humanities and Social Sciences

Social Sciences

UNIVERSITY EXAMINATION FOR:

BACHELOR OF INFORMATION SCIENCE

HIS 4203: INFORMATION RETRIEVAL SYSTEMS & PRACTICES

SERIES: DECEMBER 2024

TIME: 2 HOURS

DATE: Pick DateDec 2024

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. Discuss the evolution of information retrieval since Calvin Mooers coined it in 1950 to present. (10 Marks)
- ii. Describe five importance of information retrieval in an academic library. (10 Marks)
- iii. Highlight four components of an information storage and retrieval system. (10 Marks)

Question TWO

Explain five purpose of a book index as an information retrieval tool. (10 Marks)
Highlight five functions of a library catalogue as an information retrieval tool. (10 Marks)

Question THREE

Highlight the steps involved in the search process for effective information retrieval. (10 Marks)
Explain five criteria for evaluating the quality of information sources. (10 Marks)

Question FOUR

Discuss five key considerations an information manager should keep in mind when identifying information needs of users. (10 Marks)
Describe five different stages in scientific and technological research and the corresponding information needs at each stage, as identified by Atherton. (10 Marks)

Question FIVE

Explain five requirements needed for an online search system in information retrieval. (10 Marks)
Discuss five reasons why it is important to evaluate the effectiveness of an Information Retrieval System (10 Marks)