



TECHNICAL UNIVERSITY OF MOMBASA

School of Humanities and Social Sciences

Social Sciences

UNIVERSITY EXAMINATION FOR:

BACHELOR OF INFORMATION SCIENCE

HIS 4401: DIGITAL LIBRARIES AND INFORMATION PORTALS

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 five key characteristics of digital libraries according to Cleveland (1998). (10 Marks)
- ii. Describe the major phases that mark the evolution of digital libraries from their inception to recent developments. (10 Marks)
- iii. Highlight the key methods for building digital collections in libraries. (10 Marks)

Question TWO

Explain five key steps involved in planning a digital library project. (10 Marks)

Highlight five essential considerations when implementing a digital library project. (10 Marks)

Question THREE

Highlight five special features of Greenstone Digital Library Software. (10 Marks)

Explain five types of licensing models and practices that digital libraries use for e-books. (10 Marks)

Question FOUR

Discuss five main challenges that digital libraries face regarding copyright and intellectual property rights. (10 Marks)

Explain five different types of digital library evaluation techniques and their purposes. (10 Marks)

Question FIVE

Describe five key pieces of information that can be obtained through transaction log analysis in digital libraries. (10 Marks)

Using clear examples, explain five distinct functions of metadata in digital libraries and information systems (10 Marks)