

KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF THE DIPLOMA
IN LIBRARY AND INFORMATION SCIENCE
SECOND SEMESTER 2024/2025
[JANUARY – APRIL, 2025]

DLIS 0129: INFORMATION PROCESSING; PRACTICAL
CLASSIFICATION

STREAM: Y1 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 12:00 - 2:00 P.M.

DATE: 09/04/2025

INSTRUCTIONS:

- 1. Do not write anything on this question paper.**
- 2. Answer question ONE (Compulsory) and any other TWO questions.**

QUESTION ONE

(a) Explain Four reasons why information materials should be classified in academic libraries? (8 marks)

(b) Based on phase relationships of subjects in information materials, explain the subject under which each of the following titles of information materials should be appropriately classified

(i) Computer applications in book publishing (ii) Mathematics for civil engineering (iii) The use of Mathematics in Chemistry (iv) Botany compared to Zoology (v) Biology different from Chemistry (10 marks)

(c) Based on various rules of classification, explain the subject under which each of the following titles of information materials should be appropriately classified? (14 marks)

(i) Dictionary of medicine (ii) Algebra and calculus (iii) Mathematics and physics (iv) A text book on philosophy, religion, psychology and geography (v) French literature translated into English literature (vi) A text book on houseflies (vii) The use of English in teaching Geography. (12 marks)

QUESTION TWO

- (a) Drawing an example from LCC scheme of classification, construct a call number with at least 5 levels explaining what each level represents? (10 marks)
- (b) Discuss any 5 main components a good classification scheme should possess (10 marks)

QUESTION THREE

- (a). Based on the Library of Congress Classification Scheme (LCC), indicate the main class and subclass of each of the following titles of information materials? (10 marks)
- (b) Introduction to logic (ii) The Bible (iii) History of Kenya (iv) Environmental science (v) Public finance (vi) Forestry (vii) Islamic law (viii) Painting (ix) Microbiology (x) Home economics (10 marks)

QUESTION FOUR

- (a) What is the cutter number or author mark representation to the following titles of information materials using the Library of Congress Classification scheme (LCC)? (20 marks)
- (i) An introduction to Ungulate taxonomy by edited by Colin Groves and Peter Grubb.
- (ii) ESCORT 3, edited by Anne Alix
- (iii) PC architecture from assembly language to C, by David Hergert, Nancy Thibeault.
- (iv) In the company of children by Joanne Hindley
- (v) Invitations: changing as teachers and learners, K-12 by Regie Routman
- (vi) Laser-induced plasmas and applications, edited by Leon J. Radziemski, David A. Cremers.
- (vii) Techniques for capital expenditure analysis by Henry Thorne, Julian A. Piekarski, David Hergert, Nancy Thibeault.
- (viii) Durability testing of nonmetallic materials, edited by Robert J. Herling
- (ix) Management information systems by Raymond Mcleod
- (x) The use of Exodus in Hebrews, edited by King L. She

QUESTION FIVE

- (a) Based on the Dewey Decimal Classification Scheme (DDC) indicate main class and subclasses of each of the following titles of information materials? (20 marks)
- (i) History of Tanzania (ii) Photography (iii) Botany (iv) Psychology (v) CRE (vi) Management (vii) English Grammar (viii) Calculus (ix) Nursing (x) Engineering