

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
INFORMATION SCIENCE**

BLIS 403: ADVANCED INFORMATION RETRIEVAL

STREAMS: BSC (IS)

TIME: 2 HOURS

DAY/DATE: THURSDAY 23/09/2021

8.30 A.M – 10.30 A.M.

INSTRUCTIONS:

- **Do not write anything on this question paper.**
- **Attempt question ONE and any other TWO questions.**

QUESTION ONE (30 MARKS)

- (a) Discuss the components of information retrieval systems and its significance on document retrieval. (10 marks)
- (b) Evaluate the relationship between indexing, abstracting services and libraries. (10 marks)
- (c) Describe the following steps in abstract preparation:
- (i) Recording a reference (2 marks)
 - (ii) Analysis of content (2 marks)
 - (iii) Writing the annotation (2 marks)
 - (iv) Using the above steps, write the abstract for this unit, BLIS 403. (2 marks)

QUESTION TWO (20 MARKS)

- (a) Critically analyse the concept “Boolean logic operators” as used in information searching and retrieval. (15 marks)
- (b) Explain FIVE factors that increase precision in information searching. (5 marks)

QUESTION THREE (20 MARKS)

- (a) Citing examples, draw the relationship between information literacy and information searching and retrieval. (10 marks)
- (b) As an information expert, explain the measures you would put in place to avoid plagiarizing other people scholarly work when conducting an academic research. (10 marks)

QUESTION FOUR (20 MARKS)

- (a) Discuss the concept “Fuzzy Searching” and its significance in information retrieval. (10 marks)
- (b) Explain FIVE reasons why indexes are needed in the society. (10 marks)

QUESTION FIVE (20 MARKS)

- (a) Discuss FIVE criteria observed when selecting the right search engine for information retrieval process. (10 marks)
 - (b) Explain the criteria for selecting and evaluating the Web directory in the World Wide Web. (10 marks)
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