CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF MASTER OF

MSIS 804: INFORMATION ORGANIZATION, STORAGE AND RETRIEVAL

STREAMS:

TIME: 2 HOURS

DAY/DATE : TUESDAY 5 /10/ 2021   **8.30 AM – 10.30 AM**

INSTRUCTIONS TO CANDIDATES:
- This examination paper has FOUR (4) questions.
- Candidates are required to attempt ANY THREE questions
- No reference material OF ANY KIND should be carried into the examination room
- DO NOT WRITE on the question paper.
- Start every question on a FRESH page

QUESTION ONE (20 MARKS)

a)   Evaluate hypertext and XML data structures of an information retrieval system.

[10 Marks]

b)   Discuss major functions of an Information Retrieval System.   [10 Marks]

QUESTION TWO (20 MARKS)

a)   Discuss exhaustivity and specificity of an information retrieval system.   [10 Marks]

b)   The objectives of indexing have changed with the evolution of Information Retrieval Systems. Discuss this statement.   [10 Marks]

QUESTION THREE (20 MARKS)

a)   Analyze three main types of indexing languages used in subject indexing in Information retrieval systems.   [10 Marks]

b)   Discuss the requirements of an effective information retrieval system as suggested by Listton and Schoene.   [10 Marks]

QUESTION FOUR (20 MARKS)

a)   Analyze how Boolean logic works during retrieval of information in an information retrieval system of a library.   [10 Marks]

b)   Describe multimedia database search in an information retrieval system.   [10 Marks]

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