THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

MAY – JULY 2018 TRIMESTER

FACULTY OF SCIENCE

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

EVENING EXAMINATION

LIS 313: INFORMATION RETRIEVAL AND REFERENCE

Date: JULY 2018	Duration: 2 Hours
INSTRUCTIONS: Answer Question ONE and ANY OTHER TWO Questions	

Q1.   a)   Define and give an example of each of the following terms
   i)   Information Retrieval (IR)   **(2 marks)**
   ii)   Information Retrieval System (IRS)   **(2 marks)**
   iii)   Database   **(2 marks)**
   iv)   Metadata   **(2 marks)**
   v)   Reference service   **(2 marks)**
   vi)   Digital Reference   **(2 marks)**

   b)   Reference is a four-step process. Explain.   **(10 marks)**

   c)   Briefly discuss the advantages and disadvantages of the Boolean model
   (8 marks)

Q2.   a)   Explain how an Information Retrieval System works   **(10 marks)**

   b)   What are the factors to consider in the design of Information Retrieval
   System?   **(10 marks)**

Q3.   Discuss in detail factors that affect the performance of the Information Retrieval
   System   **(20marks)**

Q4.   a)   Identify and explain six criteria for the evaluation of an information retrieval
   system   **(10 marks)**

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b) Explain five major steps involved in the evaluation of an information retrieval system **(10 marks)**

Q5. a) Define and give an example of each of the following terms
i) Indexing **(2 marks)**
ii) Thesaurus **(2 marks)**
iii) Exhaustivity **(2 marks)**
iv) Specificity **(2 marks)**

b) Name and explain SEVEN types of Indexes **(14 marks)**

END

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