



UNIVERSITY OF KABIANGA

UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

SECOND YEAR FIRST SEMESTER EXAMINATION

**FOR THE DEGREE IN
BACHELOR OF INFORMATION SCIENCE AND
KNOWLEDGE MANAGEMENT**

COURSE CODE: ISK 313

COURSE TITLE: INFORMATION RETRIEVAL

DATE: 30TH JANUARY, 2018

TIME: 2.00 P.M - 5.00 P.M

INSTRUCTIONS TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF (2) PRINTED PAGES

PLEASE TURN OVER

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ISK 313: INFORMATION RETRIEVAL

Instructions: Answer **Question One** and any other **Two** Questions

QUESTION ONE: 30 MARKS

- a) Discuss any **FIVE** benefits of computerized information retrieval. **(10Marks)**
- b) Describe **THREE** types of information storage and retrieval systems. **(10Marks)**
- c) Explain the factors that affect precision and recall. **(10 Marks)**

QUESTION TWO: (20 MARKS)

- a) Discuss the difference between web-based and traditional information retrieval. **(8 Marks)**
- b) Explain any **TWO** advantages and disadvantages of each of the two in (a) above. **(12 Marks)**

QUESTION THREE: (20 MARKS)

- a) With the aid of a diagram, illustrate the information search process. **(10 Marks)**
- b) Explain any **FIVE** provisions an effective retrieval system. **(10 Marks)**

QUESTION FOUR: (20 MARKS)

- a) Distinguish between 'information searching' and 'information retrieval'. **(5 Marks)**
- b) Explain **FIVE** reasons why it is important to evaluate information retrieval systems. **(15 Marks)**

QUESTION FIVE: (20 MARKS)

- a) Describe the Boolean search model. **(5 Marks)**
- b) Explain any **THREE** of limitations of the Boolean search model. **(15 Marks)**