



GRETSA UNIVERSITY - THIKA

UNIVERSITY EXAMINATIONS JANUARY – APRIL 2021 SEMESTER

CERTIFICATE IN INFORMATION SCIENCE

COURSE CODE: CIIS 011

**COURSE TITLE: APPLICATION OF ICTS IN INFORMATION
CENTERS**

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

1. SECTION A IS **COMPULSORY**.
2. SECTION B: ANSWER ANY OTHER **THREE** QUESTIONS.
3. **DO NOT** WRITE ANYTHING ON THIS QUESTION PAPER AS IT WILL BE AN EXAM IRREGULARITY.
4. ALL ROUGH WORK SHOULD BE AT THE BACK OF YOUR ANSWER BOOKLET AND CROSSED OUT.

CAUTION: All exam rooms are under CCTV surveillance during the examination period.

SECTION A: COMPULSORY

Question One

- a) Define ICT? [3 marks]
- b) Assuming you have been employed at Thika Community Library as Library Assistant, you discover the Library is using manual systems, discuss **FIVE** key areas where ICTs can be employed in the library [15 marks]
- c) What are some of the benefits that both the library staff and users are likely to get after adoption of the ICT in these key areas [10 marks]
- d) Highlight **SIX** ICT components your library is likely to purchase in the process of automation [12 marks]

SECTION B: ANSWER ANY THREE QUESTIONS

Question Two

- a) Electronic journal is one of the information resources offered in majority of libraries today. What is a journal? [4 marks]
- b) Highlight **FIVE** advantages of having an electronic journal over print [10 marks]
- c) Highlight at list **Four** journals available at Greta University Library
- d)

Question three

- a) How can people with visual impairment benefit from ICT adoption in the Library? [10 marks]
- b) Highlight **FIVE** challenges the visually impaired face when using ICT's in Libraries [10 marks]

Question Four

- a) What is Library automation [5 marks]
- b) Discuss **FIVE** areas of concern at planning stage of Library automation [15 marks]

Question five

- a) Discuss **TWO** emerging technologies in Libraries **[10 marks]**
- b) Discuss **TWO** major ethical concerns in use of IT based information systems **[10 marks]**