

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATION

RESIT/SPECIAL EXAMINATION

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

BSIS 458: SELECTION OF HARDWARE AND SOFTWARE

STREAMS:

TIME: 2 HOURS

DAY/DATE: MONDAY 01/11/2021

2.30 P.M – 4.30 P.M

INSTRUCTIONS

- **This examination paper has FIVE questions**
- **Candidates are required to attempt QUESTION ONE and ANY OTHER TWO QUESTIONS**
- **Do not write on the question paper**

Question one (30 mks)

1. (a) Describe FIVE factors to consider when purchasing a library software (10 marks)
(b) Explain FIVE reasons of upgrading computer hardware in a public library (10 marks)
(c) Explain FIVE security measures that should be put in place in an information centre (10 marks)

Question two (20 mks)

2. (a) Explain FIVE merits of graphical user interface in a public library system (10 marks)
(b) Describe FIVE functions of utility programs (10 marks)

Question three (20 mks)

3. (a) Explain FIVE benefits of upgrading computers in a library (10 marks)

(b) Describe TWO types of hardware compatibility in an information centre (10 marks)

Question four (20 mks)

4. (a) Explain FIVE factors to consider when selecting a computer hardware for installation in an academic library (10 marks)
- (b) Describe skills required for information professionals in the 21st century (10 marks)

Question five (20 mks)

5. (a) Describe anti-virus programs and anti-spam programs (10 marks)
- (b) Describe FIVE application softwares and how they are used at Chuka University library. (10 marks)
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