

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

BSIS 458: SELECTION OF HARDWARE AND SOFTWARE

STREAMS: BSIS

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 08/04/2020

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Answer question ONE and any other TWO questions.**
- **Do not write on the question paper.**

- (a) Describe FIVE components included in the request of hardware and software proposals. (10 marks)
 - (b) Highlight FIVE characteristics of static IP address. (10 marks)
 - (c) Explain FIVE selection criteria associated with acquisition of library software. (10 marks)
 - (a) Explain FIVE skills expected in troubleshooting in computer application. (10 marks)
 - (b) Highlight FIVE disadvantages of software packages. (10 marks)
 - (a) Explain FIVE functions of an operating system. (10 marks)
 - (b) Describe the criteria for evaluating a suitable vendor. (10 marks)
 - (a) Explain FIVE steps followed in troubleshooting a network connectivity problem. (10 marks)
 - (b) Highlight FIVE forms of application software. (10 marks)
 - (a) Describe FIVE softwares used in a library. (10 marks)
 - (b) Highlight FIVE categories of computer hardware. (10 marks)
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