CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN INFORMATION SCIENCE

BSIS 455: LIBRARY SYTEMS ANALYSIS, DESIGN AND EVALUATION

STREAMS: BSIS   **TIME: 2 HOURS**

DAY/DATE: FRIDAY 26/03/2021   **11.30 A.M. – 1.30 P.M.**

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

1. (a) Explain attributes of a good user interface in a library system   [10 marks]

   (b) Describe FIVE types of information systems   [20 marks]

2. (a) Describe FIVE attributes of a library system   [10 marks]

   (b) Request for Proposal (RFP) is a key requirement in the acquisition of library software. Discuss   [10 marks]

3. (a) User training is an important aspect of an effective system implementation in an information centre. Justify.   [10 marks]

   (b) Explain FIVE limitations of the life cycle approach to system development in a library   [10 marks]

4. (a) Explain FIVE attributes of decision support system   [10 marks]

   (b) Explain FIVE types of feasibility study employed during development of a system in an information centre.   [10 marks]

5. (a) Explain FIVE benefits of a feasibility study during planning of a system development in an organization.   [10 marks]

   (b) Explain FIVE strategies of maintaining a library system.   [10 marks]