CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

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

BSIS 308: DIGITAL LIBRARIES

STREAMS: BSC (IS)   **TIME: 2 HOURS**

DAY/DATE: MONDAY 06/04/2020   **2.30 P.M. – 4.30 P.M.**

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

1. (a) Describe FIVE factors to consider in library digitization   [10 marks]

    (b) Explain FIVE goals of digital preservation   [10 marks]

    (c) Outline FIVE characteristics of a digital library   [10 marks]

2. (a) Explain the role of management in library digitization process   [10 marks]

    (b) Explain FIVE merits of a digital library   [10 marks]

3. (a) Describe FIVE types of digital library   [10 marks]

    (b) Highlight FIVE challenges of library digitalization   [10 marks]

4. (a) Explain FIVE characteristics of a harvested digital library   [10 marks]

    (b) Highlight FIVE security measures for digitized knowledge in a library [10 marks]

5. (a) Explain FIVE steps associated with library digitization   [10 marks]

    (b) Explain the meaning of the following terms as applied in digital libraries

                                                                            [10 marks]

        (i)   Born digital

        (ii)   Digital library

        (iii) Digitization

        (iv)   Metadata

        (v)   Digital divide