

**NATIONAL UNIVERSITY OF LESOTHO**  
**BACHELOR OF LIBRARY AND INFORMATION STUDIES (BLIS)**

**LIS 4303: ICT APPLICATION IN LIBRARIES**

**JANUARY 2024**

**MARKS 100**

**3 HOURS**

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**INSTRUCTIONS:**

- Question one is compulsory and it carries fifty marks.
  - Answer any two questions from section B.
  - Each question carries twenty five marks.
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**QUESTION 1**

a) Explain with examples any two benefits of ICTs in the library context. (10)

b) Define data (5)

and

software (10)

as the components of Information Systems in ICTs.

c) Discuss the four basic key concepts that describe how the computer works.(20)

d) As LIS students, comment on the knowing of such basic concepts of computer application in learning. (5)

**[50]**

**SECTION B**

**QUESTION 2**

a) List any five emerging technologies that are applicable for the National University of Lesotho Library. (5)

b) Demonstrate the application of technologies in the following activities of the library:

i. Circulation control (5)

- ii. Reference services (5)
  - iii. Preservation of materials (5)
  - iv. Cataloguing and classification (5)
- [25]**

### **QUESTION 3**

- a) What is library automation? (5)
  - b) List and explain the four main steps in the process of library automation (20)
- [25]**

### **QUESTION 4**

Today's information society demands the use of ICT's to improve access to information. Discuss the challenges associated with the application of ICTs in Library and Information Services. The discussions should also clearly include the ethical issues and considerations for applying ICTs in libraries.

**[25]**