

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

BSIS 250: BASIC ELEMENTS AND USE OF COMPUTERS IN LIBRARIES AND
INFORMATION CENTERS

STREAMS:

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 5/12/2018

11.30 A.M - 1.30 P.M.

INSTRUCTIONS:

- Answer Question ONE and any other TWO Questions

QUESTION ONE

- (a) Define a computer and its three (3) main functions. [4 Marks]
- (b) Examine two (2) type of computer memory. [4 Marks]
- (c) Discuss three (3) ICT based user services in the library. [3 Marks]
- (d) Explain three (3) type of programming language. [6 Marks]
- (e) Define the operating system and its applicability in computers. [1 Mark]
- (f) There are various methods of classifying computers, define three (3) ways. [6 Marks]
- (g) Discus three (3) components of ICT in libraries. [6 Marks]

QUESTION TWO

- (a) Discuss the seven (7) units of a document in word processing. [14 Marks]
- (b) Discuss three types of computer networks and their application in library. [6 Marks]

QUESTION THREE

- (a) Describe six (6) important features of MS-Excel and how they can be applicable in academic library. [12 Marks]
- (b) Briefly describe TWO main characteristics of the software that you would recommend to a library or an information centre to consider when selecting the software for automation. [8 Marks]

QUESTION FOUR

- (a) Briefly explain seven (7) database objects in an MS-Access and their applications. [14 Marks]
- (b) Discuss three (3) services and operations that can be automated in a library/information center. [6 Marks]

QUESTION FIVE

- (a) Describe four areas of housekeeping operations in library automation. [10 Marks]
- (b) Explain five (5) benefits of an ICT based library system. [10 Marks]

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