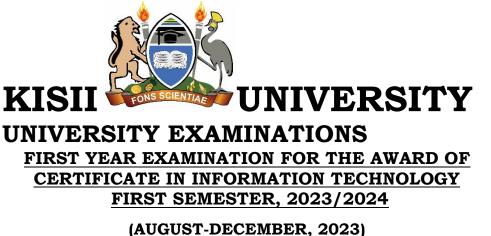
<u>CIT 0100</u>



<u>(AUGUST-DECEMBER, 2023)</u> <u>CIT 0100: INTRODUCTION TO INFORMATION TECHNOLOGY</u>

STREAM: Y1 S1

TIME: 2 HOURS DATE: 28.11.2023

DAY: TUESDAY, 12.00 – 2.00 PM INSTRUCTIONS

- 1. Do not write anything on this question paper.
- 2. Answer Question ONE [Compulsory] and any other TWO Questions

Question one [30 marks]

a)	Define the following terms as used information technology:	
	i. Computer ergonomics	(2 marks)
	ii. System software	(2 marks)
	iii. Output device	(2 marks)
	iv. PROM	(2 marks)
	v. Information	(2 marks)
b)	What is an Operating system? State any three types of operating systems	
		(4 marks)
c)	Differentiate between these types of computers	
	i. Specific purpose and General purpose computers	(4 marks)
	ii. Digital computers and Hybrid computers	(4 marks)
	iii. Mini and Micro Computers	(4 marks)
d)	Give the characteristics of the third generation computers	(4 marks)
Que	stion two [20 marks]	
a)	State any three ways in which computers can be classified	(6 marks)

b) Briefly discuss the functions of any five types of computer users. (5 marks)

c) Discuss rules used in a computer laboratory (9 marks)

Question three [20 marks]

- a) Computer software can be classified into two broad categories, with examples, briefly discuss the two categories (8 marks)
 b) A digital computer is composed of five distinct elements, outline the elements (10 marks)
 c) What is an ICT System? (2 marks)
 Question four [20 marks]
- a) Discuss any three functions of an operating system (6 marks)
- b) What are the difference between these types of memories, RAM and ROM?

(8 marks)

c) State three ways of preventing posture problems while using a computer (6 marks)

Question five [20 marks]

- a) Explain any five precautions to observe when using/ handling a magnetic storage device (10 marks)
- b) An organization of computer security experts came up with Ten
 Commandments to govern safe usage of computers, highlight them.

(10 marks)