



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF THE

DEGREE OF BACHELOR OF LAW

SECOND SEMESTER, 2021/2022

(FEBRUARY - JUNE, 2022)

COMP 101: INTRODUCTION TO COMPUTER APPLICATIONS

STREAM: LLBK 1 S2

TIME: 2 HOURS

DAY: THURSDAY, 12:00 – 2:00 P.M.

DATE: 06/05/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE [Compulsory] and any other TWO Questions.***
- 3. Illustrate your answer with relevant cases and statutory provisions where applicable***

QUESTION ONE

- a) (i) Explain the two main components of a computer system. **[4 marks]**
- (ii) The performance of a computer depends on several factors. Expound on some of the factors to be considered when purchasing a computer for an office use or personal use. **[6 marks]**
- b) Explain how Information Communication and Technology can be used to improve administration of justice in Kenya? **[5 marks]**
- c) Discuss how you would ensure the safety of the information in a computer system **[5 marks]**
- d) Discuss some of the challenges that the Kenyan judiciary has met in her effort to automate the judicial system and make recommendations to address the challenges. **[10 marks]**

QUESTION TWO

- a) Explain the main functions of a computer system and give appropriate example of a device carrying out the specified function. **[8 marks]**

- b) Explain the procedure of establishing an Internet Domain (website) **[6 marks]**
- c) Identify the components of Computer Central Processing Unit and explain the functions of each component. **[6 marks]**

QUESTION THREE

- a) Every computing system must be installed with operating systems before it is used. Briefly discuss the functions of computer operating system. **[10 marks]**
- b) (i) Distinguish between a computer file and folder **[2 marks]**
- (ii) What is the significance of file extension in computer operations? **[2 marks]**
- (iii) Explain the rules to observe when naming computer files and folders **[6 marks]**

QUESTION FOUR

- a) Discuss the criteria for classifying computer networks **[10 marks]**
- b) State and discuss main classification of computers based on processing power. **[10 marks]**

QUESTION FIVE

- a) Discuss various types of computer memories **[6 marks]**
- b) A computer system loses the correct date and time every morning when it is switched on even though the user sets the right date and time before shutting down the computer every evening. What is the cause of this problem and how can it be solved? **[4 marks]**
- c) Highlight the main printing technologies using appropriate examples **[4 marks]**
- d) Briefly discuss the three categories of computer storage devices. **[6 marks]**