



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS**  
**UNIVERSITY EXAMINATION FOR CERTIFICATE IN COMMUNITY HEALTH AND**  
**DEVELOPMENT**  
**1<sup>ST</sup> YEAR 1<sup>ST</sup> SEMESTER 2018/2019 ACADEMIC YEAR**  
**MAIN CAMPUS**

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**COURSE CODE: SCS 1111**

**COURSE TITLE: INTRODUCTION TO COMPUTER APPLICATIONS**

**EXAM VENUE:** **STREAM :( Dip. In Comm. Health and Development)**

**DATE:** **EXAM SESSION:**

**TIME:** **NO of STUDENT: 70**

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**INSTRUCTIONS:**

- 1. Answer Questions 1 (Compulsory) and ANY other Two(2) Questions**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates MUST hand in their answer booklets to the invigilator while in the examination room**

### **QUESTION ONE (30 MARKS)**

- a) (i) What is a computer? (2 marks)
- (ii) Give two examples of optical storage devices (2 marks)
- b) State any five characteristics of a digital computer (5 Marks)
- c) List any five examples of input devices of computer hardware. (5 marks)
- d) Computers have evolved through a number of generations. List any 4 characteristics of the first generation of computers. (4 marks)
- e) Name the two types of RAM clearly stating their differences (4 marks)
- f) Outline five advantages of using word processing. (5 marks)
- g) Give three examples of Microsoft windows operating systems (3 marks)

### **QUESTION TWO (20 MARKS)**

- a) What is a Computer virus? (2 marks)
- b) Discuss any FOUR common sources of virus transmission (8 marks)
- c) List five Symptoms of a Virus. (5 marks)
- d) State five Ways to avoid viruses (5 marks)

### **QUESTION THREE (20 MARKS)**

- a) Outline the procedure of renaming a file or folder using windows operating system (4 marks)
- b) Atubwa selected a paragraph in word processing. Explain what happened after pressing the following keys on the keyboard: (5 mks)
- i. Ctrl + A
  - ii. Ctrl + i
  - iii. Ctrl+ B
  - iv. Ctrl + X
  - v. Ctrl + C

- c) Explain how a paragraph can be moved from one page to another using a word processor (5 marks)
- d) Study the worksheet below and answer the questions that follow:

	A	B	C	D	E	F
1						
2	SKYWAYS AGENCIES					
3	PRODUCT	REGION 1	REGION 2	REGION 3	REGION 4	TOTAL Sale
4	Rexona	3400	3,700	4000	4100	
5	Lifebuov	2500	2600	2100	2500	
6	Omo	6000	6100	6300	1600	
7	Ushindi	1200	1500	1400	6400	
8	Carmel	7000	6900	7200	8000	
9	Total					
10	Maximum					
11	Average					

- e) Write functions that can be entered to get total, maximum, and average of each region (6 marks)

**QUESTION FOUR (20 MARKS)**

- a) State and briefly explain five components of a computer hardware (10 marks)
- b) Discuss five advantages of electronic mails have over regular mails. (10 marks)

**QUESTION FIVE (20 MARKS)**

- a) State and explain any five health issues which can arise from prolonged use computers. Suggest a solution for each health issue mentioned (20 marks)