



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS
UNIVERSITY EXAMINATION FOR CERTIFICATE IN COMMUNITY HEALTH AND
DEVELOPMENT AND
1ST YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR
KISUMU, MAIN CAMPUSES

COURSE CODE: SCS 1111

COURSE TITLE: INTRODUCTION TO BASIC COMPUTER APPLICATIONS

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

DATE: 24/4/19

EXAM SESSION: 12.00 – 1.30PM

TIME: 1 ½ HOURS

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) Define the following terms (5 marks)
- i. Data processing
 - ii. Hardware
 - iii. Software
 - iv. Data
 - v. Information
- b) Differentiate between the following terms: (6 marks)
- i) Volatile and Non-Volatile memory
 - ii) System software and application software
 - iii) Warm boot and cold boot
- c) Explain four steps followed when saving a new document in Microsoft word (5 marks)
- d) State and explain four measures against computer viruses. (4 marks)
- e) State two types of RAM, and explain three characteristics of a RAM (5marks)
- f) Discuss five major components of a computer system (5 marks)

QUESTION TWO (20 MARKS)

- a) What is the difference between warm boot and cold boot? (4marks)
- b) State six features that Microsoft Word screen contains. (6marks)
- c) Discuss five characteristics of computers. (5 marks)
- d) Explain five health issues which can arise from prolonged use of computers. Suggest a solution for each health issue mentioned. (5 marks)

QUESTION THREE (20 MARKS)

- a) Outline four functions of Operating System (4marks)
- b) Outline the importance of quality information in a business (6marks)
- c) Computers have evolved through many generations over the years in the society. State and explain the five generations the computers have evolved through (10marks)

QUESTION FOUR (20 MARKS)

- a) Identify five resources that can be shared on a computer network (5marks)
- b) Describe five negative implication of ICT in the society (10marks)
- c) Define computer network and identify three devices used in a computer network (5marks)

QUESTION FIVE (20 MARKS)

- a) Discuss the computer generations with an emphasis on the technology that was in use in each of the generations(10 marks)
- a) A port is a physical docking point which an external device can be connected to the computer. Discuss some of the various ports that are available in a computer (10 marks)