



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INNOVATIONS AND INFORMATICS
UNIVERSITY EXAMINATION FOR DIPLOMA IN BUSINESS ADMINISTRATION**

1ST YEAR 1ST SEMESTER 2016/2017 ACADEMIC YEAR

KENDU BAY CAMPUS

COURSE CODE: SCS 2111

COURSE TITLE: INTRODUCTION TO INFORMATION TECHNOLOGY

EXAM VENUE:

STREAM : DIPLOMA

DATE: 13/12/ 2016

EXAM SESSION: 9.00 – 10.30 AM

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

- (i) With examples where appropriate identify how computers are classified. (7 Marks)
- (ii) What is meant by the term peripherals in computing, explaining what a dump terminal is? (3 Marks)
- (iii) Explain what affects the speed and capacity of the computer? (10 Marks)
- (iv) Identify the **TWO** types of computer memory giving the main differences between them. (4 Marks)
- (v) Give **THREE** types of storage devices (3 Marks)
- (vi) How is the capacity of storage of a computer measured and in what unit? (3 Marks)

Question Two

- (i) What are Role of modern technology in business (4 marks)
- (ii) Outline the **THREE** types of computer software as used in computing (6 Marks)
- (iii) With a brief explanation give **FIVE** application areas where computer technology is utilized in society today. Computer technology has made several important impacts on our society. (10 Marks)

Question Three

- (i) List **THREE** principles of data protection Act. (3 Marks)
- As a public health officer, how can excel help you in records keeping and what can you use to ensure of the document? (5 Marks)
- (ii) What is considered to be a computer crime? (2 Marks)
- (iv) Outline **SIX** ways in which one can make his/her work environment safe as far as the use of computer equipment is concerned? (6 Marks)
- (iii) What is ergonomics? What are the reasons for studying it? (4 Marks)

Question Four

- (i) What is a computer network? (1 Mark)
- (ii) Identify the **THREE** types of networks. (3 Marks)

(iii) Differentiate between an intranet and an extranet.

(2 Marks)

(v) Give **THREE** merits and demerits of having a network. Advantages of Network (4 Marks)

(vi) What is a computer virus? (1 Mark)

(vii) List **THREE** ways one can prevent viruses from infecting his/her machine. (3 marks)

Question Five

(i) What are some of the health problems associated with computing (6 Marks)

(ii) How and where is information technology technique such as audio, visual and even internet can be used to enhance public health in the society citing examples where appropriate (10 Marks)

(iii) Cite at least eight benefits of the internet computer networks in public health (4 marks)