JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR IN BUSINESS INFORMATION SYSTEMS

2ND YEAR 2ND SEMESTER 2022/2023 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE: ITB 2206

COURSE TITLE: IT FOR BUSINESS

EXAM VENUE: STREAM:

DATE: EXAM SESSION:

TIME: 2.00 HOURS

INSTRUCTIONS:

a) Answer Question 1 (Compulsory) and ANY other two questions
b) Candidates are advised not to write on the question paper
c) Candidates must hand in their answer booklets to the invigilator while in the examination room

QUESTION 1 (30 MARKS)

a) Define the following terms as used in the course unit:

   i. Information systems

   ii. E-business **(4 marks)**

b) Discuss any THREE concerns and risks associated with emerging technologies **(6 marks)**

c) Discuss FIVE advantages of using a DBMS over file processing systems **(8 marks)**

d) Giving examples, describe THREE types of computer software you have interacted with.

(6 marks)

e) Briefy discuss any THREE effective IT responses to different kinds of business pressures

(6 marks)

QUESTION 2 (20 MARKS)

a) Describe how information systems have changed the way businesses operate and their products and services **(10 marks)**

b) List six different sources of software. **(6 marks)**

c) Describe THREE characteristics that distinguish Big Data from traditional data

QUESTION 3 (20 MARKS)

a) You have been contacted by the local photo studio to advise on which computer they should purchase for their operations. Briefly discuss 5 factors you would tell them to consider before buying one. **(10 marks)**

b) Discuss FIVE features of e-commerce that have made it popular among businesses and people today **(10 marks)**

QUESTION 4 (20 MARKS)

a) Discuss 5 types of information systems that can be found in an organization and indicate the persons likely to use them. **(10 marks)**

b) Briefly discuss FIVE benefits of cloud computing to businesses **(10 marks)**

QUESTION 5 (20 MARKS)

a) Giving examples, discuss the 4 categories of computer hardware that can be found in an office. **(10 marks)**

b) Discuss the FIVE most common security threats in an IT environment **(10 marks)**