JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF BUSINESS AND ECONOMICS

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS

ADMINISTRATION WITH IT

2RD YEAR 2ND SEMESTER 2019/2020 ACADEMIC YEAR

COURSE TITLE: MANAGEMNT INFORMATION SYSTEMS

COURSE CODE; SCS 214

EXAM VENUE: STREAM: (BBA)

DATE: EXAM SESSION:

TIME: 2   HOURS

Instructions:

1.   Answer ALL questions in section A and ANY other 2 questions in section B
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.

a) Discuss how information systems can transform business and what their relationship is to Globalization?(10mks)

b) Why are information systems so essential for running and managing a business today?(10mks)

c) What academic disciplines are used to study information systems and explain how each contributes to an understanding of information systems? (6mks)

d) How do systems that link the enterprise improve organizational performance?(6mks)

QUESTION TWO

a) How do information systems help businesses use synergies, core competencies, and network-based strategies to achieve competitive advantage?(6mks)

b) What are the challenges posed by strategic information systems and how should they be addressed?(4mks)

c) What ethical, social, and political issues are raised by information systems?(6mks)

d). What specific principles for conduct can be used to guide ethical decisions?(4mks)

QUESTION THREE

a) What is IT infrastructure and what are its components?(10MKS)

b) What are the stages and technology drivers of IT infrastructure evolution?(10mks)

QUESTION FOUR.
a) What are the major capabilities of DBMS and why is a relational DBMS so powerful?(8mks)

b) What are some important database design principles?(10mks)

QUESTION FIVE

a) What are the principal components of telecommunications networks and key networking technologies?10mks)

b) What are the main telecommunications transmission media and types of networks?(10mks)