



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: Management 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)

