JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATIVE AND INNOVATIVE SYSTEMS

UNIVERSITY EXAMINATION FOR BACHELOR OF SCIENCE IN COMMUNITY HEALTH AND DEVELOPMENT

1st YEAR 2nd SEMESTER 2018/2019 ACADEMIC YEAR

NAIROBI CAMPUS

UNIT CODE: SCS 3124

UNIT COURSE: INFORMATION TECHNOLOGY & SOCIETY

STREAM: Bsc. CHD & PH

DATE: 14TH /08/2019   **TIME: 2PM -4PM**

EXAM SESSION: 2HRS

INSTRUCTIONS:

1. **Answer Question ONE (COMPULSORY) and ANY other 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

Discuss by giving examples where necessary, the impact of Information Technology (IT) on Business Models, Commerce and Market structures now and going forward. (30mks)

QUESTION TWO 20 MARKS

a) Age has been seen to impact on technological appreciation in two distinct approaches thus, the prevailing **technophiles** and **technophobes**. Discus your understanding of the two approaches in perspective of technorealism. (10mks)

b) Innovation has been directly perceived as a key activity of information society in the 21st century. Explain (10mks)

QUESTION THREE 20 MARKS

a) Explain the relevance of ICT in Health/medical research with respect to societal hygiene and lifestyle challenges (10mks)

b) Discuss the phrase, 'the information society' as used by modern scholars and governments today. (10mks)

QUESTION FOUR 20 MARKS

a) Dr. Catherine a medical practitioner shared with her friends on face book about the health mater of her patient who suffers a terminal ailment. This information went viral to other friends of her friend. Discus the ethical, legal and privacy issues that such action may involve (10mks)

b) Explain the advantages and disadvantages of information technology to the society. Support your answers with practical example in each case (10mks)

QUESTION FIVE 20 MARKS

Explain generally the impact of information technology on Kenyan society since its inception in late 1980s to date (20mks)