



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION
ARTS WITH IT
4THYEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR
NAMBALE, KISII CAMPUSES

COURSE CODE: SCS 427

COURSE TITLE: SOCIAL AND PROFESSIONAL ISSUES IN COMPUTING

EXAM VENUE:

STREAM: (EDU)

DATE:07/12/2018

EXAM SESSION: 12.00-2.00PM

TIME: 2 HOURS

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

- a) Using examples explain the following terms. (6 marks)
- i. Telecommuting
 - ii. Flattening Organization
 - iii. De-skilling
- a) Differentiate between ethics and values (4 marks)
- b) Explain how accuracy and quality of information can be safeguarded (6marks)
- c) Assume that you are a developer, explain how to safeguard the developer's interest when developing./Publishing/Marketing a software (6marks)
- d) Discuss with specific examples, how the use of ICT has improved quality of life. (8 marks)

QUESTION TWO 20 MARKS

- a) Discuss four reasons that account for software crisis (4 marks)
- b) The internet is a blessing and a curse. Discuss this in regard to privacy is compromised (6 marks)
- c) Defenders of pornography argue that it is freedom of expression or freedom of speech and critics argue otherwise. State the basis of this two arguments (10 Marks)

QUESTION THREE 20 MARKS

- a) Discuss terrorism in regard to computer ethics (6marks)
- b) Explain five benefits of telecommunications to the society (5marks)
- c) Information Technology has its fair share on quality of life. Discuss using examples its positive and negative effects (10 Marks)

QUESTION FOUR 20 MARKS

- a) Using examples explain the following terms.
- i. Morals (2marks)
 - ii. Metaethics (2marks)
- b) Discuss five cases that call for ethical decision making (10marks)
- c) Discuss FOUR risks mitigation strategies an ICT project manager may use to manage risk in a firm (6 Marks)

QUESTION FIVE 20 MARKS

- a) Discuss four international legal framework for protecting software system development (8marks)
- b) Assume that you have cleared your course and you have decided to start a software company. Discuss four legal issues that you need to consider. (4marks)
- c) Cybercrime has been on the rise with rising growth on digital business connectivity. Describe citing case scenarios how it has negatively affected business growth (8 marks)