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**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF INFORMATION & INNOVATION**

**UNIVERSITY EXAMINATION FOR EXAMINATION FOR DIPLOMA IN BUSINESS MANAGEMENT & DIPLOMA IN COMMUNITY HEALTH SCIENCE YEAR 1ST 2ND SEMESTER 2017/2018 ACADEMIC YEAR.**

**MAIN CAMPUS /KISUMU CAMPUS**

**COURSE CODE: SCS 2124**

**COURSE TITLE: INFORMATION TECHNOLOGY & SOCIETY**

**EXAM VENUE: YEAR 2ST 2ND SEMESTER 2017/2018 ACADEMIC YEAR.**

**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**

**SECTION A COMPULSORY ( 30 MARKS)**

**QUESTION ONE (30 MARKS)**

1. Briefly define the following terms
2. Information
3. Technology
4. Computer hardware and software
5. E-commerce
6. Computer (10mks)
7. Computers are electronic devices. Explain (5 Marks)
8. Define computer virus (2 Marks)
9. State any three media that can be used in data communication (3 Marks)
10. Name any three Security measures towards danger or damage to our computers (3mks)
11. Briefly discuss the following words as used in computing
12. Digital citizenship (3mks)
13. Authenticity (3mks)
14. Define the term Telemedicine (1mks)

**SECTION B**

**QUESTION TWO (20 MARKS)**

a) Give and discuss five differences between ethics and Law (10mks)

b) State and explain the computer generations (10mks)

**QUESTION THREE**

1. What is Cyber Law? Discuss some of the Four key needs of cyber law (10mks)
2. Explain giving examples four common usage instances of ICT in our daily lives (8mks)
3. What is IBM (2mks)

**QUESTION FOUR**

1. Describe any three practical applications in ICT in Society (6 Marks)
2. List for ethical challenges that is facing the society with the influence of information technology (4 Marks)
3. Identify and explain Three possible remedies of computer crimes today (6 Marks)
4. Distinguish between peer-to-peer and client- server networks (4 Marks)

**QUESTION FIVE**

1. With appropriate explanation, state any Four devices used in society today that qualify to regarded as a computer (8 Marks)
2. Distinguish between History and favorites in internet browsing (2 Marks)
3. List any Four control policies that may be used to safeguard systems against viruses.

(4 Marks)

1. Discuss the three main symbols of recognition used to protect intellectual property

(6 Marks)