



TECHNICAL UNIVERISTRY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNIVERSITY EXAMINATION FOR DEGREE IN:
BACHELOR OF SCIENCE INFORMATION TECHNOLOGY
(BSIT Y3 S2)

BIT 2222: ICT & SOCIETY

END OF SEMESTER EXAMINATION
SERIES: DECEMBER 2014
TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions. Attempt question **ONE (Compulsory)** and any other **TWO** questions
Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question One (Compulsory)

- a) Describe **THREE** essential pre requisite for Network Society. **(6 marks)**
- b) Information and communication technology has become a vital player in the national development of modern society methods of gathering, processing and dissemination of information have dramatically changed in the modern era with the advent of ICT. Discuss how ICT can be used to achieve vision 2030 in the following areas:
(i) Social
(ii) Economic **(6 marks)**
- c) ICT for development, has contributed positively to the economy of Kenya and Kenyans i.e. Mpesa. Briefly explain how areas ICT can be used to improve the lives of Kenyans as was the case in the introduction of Mpesa **(8 marks)**
- d) Explain **FOUR** measures that can be used in knowledge economy and network society to reduce corruption in public sector.
- e) Explain the following terms:
(i) Network Society

Question Two

“If you are in a country that is progressive, the woman is progressive. If you are in a country that reflects the consciousness toward the importance of education, its because the woman is aware of the importance of education, but in every backward country you will find the women are backward, and in every country where education is not stressed its because the women don’t have education” from Malcan x quotes.

The economy of a nation grows by empowering a baby girl with education. Explain areas of education that can ignite economy growth in Kenya subject to girl’s education. **(20 marks)**

Question Three

a) Vision owns a number of gauges that sell and service luxury cars. He is looking for ways to use ICT to improve the way the businesses operate and also make a profit. Vision wants to improve the servicing of cars.

Describe how Vision could use the internet to book customer’s car into a garage for servicing **(5 marks)**

b) Explain THREE measures that can be taken to promote network society in Kenya remote villages **(6 marks)**

c) Explain THREE risks that can be caused by network society **(5 marks)**

d) Explain FOUR measures that can be used in knowledge Economy and Network society to reduce corruption in public sector **(4 marks)**

Question Four

a) A back is required to employ more disabled computer operators. This requires a new computer system for the processing of transactions.

(i) Discuss the implications of the sue of ICT in an antisocial manner for disabled and other people who work from name.

(ii) Staff will need training before they can use the new system. Describe the benefits of computer based systems that can be used for this training. **(4 marks)**

b) There are divides between various groups in the world. There are those who have access to ICT and those who do not – this is called the digital divide.

(i) Describe a range of reasons to show how ICT can enable a physically disabled person to live a fuller life and join society.

(ii) Country government can use the world wide web to interact with its clients such as disabled citizens,. Explain how local government could use ICT with its stakeholders **(5 marks)**

Question Five

a) E-mail account, social network and video streaming has facilitated the growth of technology in Kenya, Explain how can this technologies be used to reduce cost in education **(6 marks)**

- b) Society fabric is at risk because of information technology. Explain major three areas that causes disintegration of society because of ICT **(6 marks)**
- c) Briefly discuss the statement that signs knowledge management is becoming mainstream. **(8 marks)**