Name:	Index No:
2920/101	Candidate's Signature :
INTRODUCTION TO INFORMATION COMMUNICATION TECHNOLOGY AND ETHICS	
July 2015	Date,

Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY

MODULE 1

INTRODUCTION TO INFORMATION COMMUNICATION TECHNOLOGY AND ETHICS

ed on the question paper.

For Examiner's Use Only

Questions	1	2	3	4	5	6	7	8	Total Score
Candidate's Score									

This paper consists of 14 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

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Turn over

(a)	Outline four advantages of secondary storage media over primary storage media in computer systems. (4 mar
_	
(b)	With the aid of a diagram in each case, explain the difference between COM and VC computer ports. (6 mar
	(o mar
	STATE OF BEHAVIOR
	1 100 - 2 1 - 11
_	28 JUL 235
	(177)
(c)	Distinguish between device driver and storage drive as used in computer software.
	(4 mark

(d)	ord dis	ut attended a seminar t der to conserve the envicussed.	that focused on the measures computer users could adopt in rironment. Explain three of the measures that could have be (6 mari
(a)	Defi	ne each of the C. II	
1,449	(i)	service week	ng terms as used in ICT and ethics:
	(4)	service pack;	(2 marks
			2.0 HH CAN
			2 0 JUL 235
	(ii)	copyright.	2.50
_			(2 marks
_			
(b)	D: 71	1.1	
(0)	Expla	in three negative impa	o introduce Internet facilities for students' academic work. acts that the students could be exposed to. (6 marks)
-			(6 marks)

-	Distinguish between open and limited tender methods of computer hardware acquisition. (4 mark
(d)	Kelvin suggested to her company that they should procure software suites. Explain three benefits that the company could derive from the use of this software. (6 marks
	7 N JUL 23/3
(a)	Outline four roles of a systems analyst in an organization. (4 marks

(c)	Distinguish between Wi-Fi and bluetooth as used in computer networks. (4 marks
Ξ	
(d)	Sasha, the college counselor, was attending to a student who suffers from a low self- esteem disorder. Explain three ways she could use to guide the student. (6 marks
-	237 1.178 4.4 C 1. C 2.
	(F(28 JUL 23:3)
	un -
	201 414 to bell, 414
-	
(a)	Outline four measures that should be put in place to enhance data security in a computer system. (4 marks)

5

(b)	Explain two methods that could be used to manage stress among emp organization.	loyees in an (4 marks
(c)	Zippy prefers to install a country wide wireless communication netwo media. Explain three circumstances that could have led to her prefere	ork over the wired nee. (6 marks)
		AP145
	110	IJL 20.5
d)	Dimity school has a conflict concerning a property they co-owned by a Dan has been hired as an arbiter for the school. Explain three skills the require in order to perform the task.	mother company at he could (6 marks)

2920/101

applicable during software installation: (i) upgrade: (ii) repair, (b) Purity has been appointed as the factory manager of ABC Comparithree practices she could put in place to manage her time.	(2 ma
(b) Purity has been appointed as the factory manager of ABC Comp	(2 ma
Purity has been appointed as the factory manager of ABC Comp three practices she could put in place to manage her time.	
	any. Explain to he (6 ma
Timelitate in East	
2 8 JUL 23*	100
Distinguish between broadcast and point-to-point as used in core	nputer networks.

(d)	not sp	nanager of Zax Company established that two seak to each other. Explain three measures the re the differences.	hat the manager could use to help (6 marks)
		The state of the s	
		2 8 JUL 200	
		(12)	
		A BOOK KIRWY	2 0 JUL 233
(a)	Defin	e each of the following terms as used in con	
	(i)	electronic cavesdropping;	(2 marks)
_	(ii)	digital divide.	(2 marks)
(b)	Desc	ribe the functions of each of the following ty	pes of buses as used in computers:
516	(i)	data bus;	(2 marks

	(ii) address bus.	(2 marks)
(c)	Computer users experience different physical injuries durathese injuries with a possible remedy for each.	ring work. Explain three of (6 marks)
		LIRH LE LA
		(13)
(d)	Magdalena has been invited by Super College to give a le could be used to control unethical ICT behaviour at work measures that she could mention.	ecture on the measures that kplaces. Explain three (6 marks)

(a)	Explain two advantages of direct data inputs over indirect data inputs methods. (4 r
	X**
(b)	Ken had the following devices when revising for an exam
	Mouse, monitor, scanner, printer, plotter, joystick, speakers, trackball
	Classify them as either input or output device. (4 m
-	CONT. (4 III
	2030
_	The property of the second sec
-	
(c)	Kim the Information Manager for Suppar Company advised the organization to pre
	an real policy. Explain three circumstances that could have influenced his decision
	an ite i poncy, explain three circumstances that could have influenced his decision
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	an ICT policy. Explain three circumstances that could have influenced his decision (6 ma
	an ite i poncy, explain three circumstances that could have influenced his decision
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	an ite i poncy, explain three circumstances that could have influenced his decision
	an ite i poncy, explain three circumstances that could have influenced his decision
	(6 ma

	sho	va intends to purchase computers for his company. Explain three factor ould consider.	(6 ma
_		Lipse of the Control	
		2 8 JUL 23 3	
-		214 mount clampo	
(a)	Fxn	bain the term composite and the state	
(44)	1хр	lain the term corporate social responsibility as used in computer ethics.	(2 ma
(b)	(i)	Explain two factors that are usually considered when accessing data disk.	on a ha (4 ma
	(ii)	With the aid of an example in each case, distinguish between general special purpose software.	and (4 mar
_			
			-

(c)	A company that deals with the production of a piracy is a great threat to their growth. Explain place to counter this threat.	music for different clients has realized that in three measures that they could put in (6 marks)
_		
		THE DE STATE OF
		2 8 JUL 2313
		20 (17) Fer 414 - 8,0900, 2.55
(d)	There has been an increased use of mobile phonegative effects to the users.	ones globally. Explain any two social (4 marks)