Name:		Index No.	
	,		
School:		Signature	

S850/1
Subsidiary Information and
Communication Technology
PAPER 1
July/August 2019
2½ hours



WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Advanced Certificate of Education

SUBSIDIARY ICT

Paper 1

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

- The paper is made up of 20 equally weighted questions.
- Answer all questions in this paper.
- All answers should be written in dark blue or black ink in the spaces provided on the question paper.
- No additional answer sheets should be inserted.

								For	exai	nine	er's	use	only							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
				140	m	TH	IFI	1	94	961			68	We.				140		
					100	l au	C 8	Das .					1173							

1.	(a)	Define Data transmission.	(2 mårks)
		etralengis - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Sehool:
	(b)	In relation to data transmission, identify the following data trans (i) $A \longrightarrow B$ (ii) $A \longleftrightarrow B$	smission modes. (3 marks)
2.	(a)	(iii) A \rightleftharpoons B Describe how a non-impact printer works.	(2 marks)
	(b)	Mention three ways how one can take care of a printer.	(3 marks)
3.	http: State		(5 marks)
		Protocol Domain name	DOBLISH
	(iii)	Top-level domain	- The pap
	(iv)	Name of web page	VSHILL
	(v)	File extension	reas III.
4.	Study	the sample advert below and explain the specifications in details.	(5 marks)

HP Probook Pc Sale!
Intel Duo, 2.4 GHz, 4 GB RAM
500GB HDD, Tru brite TFT
DVD - writer at only 1,700,000/=

(i)	HP Probook PC
(ii)	2.4 GHz
(iii)	4 GB-RAM
(iv)	500GB HDD
(v)	Intel Duo
	puter users complained of frequent headaches and fatigue after using computers computer room. State three reasons that could cause the above conditions. (3 marks)
	(ii) and a restrict children from heregengs offensive sites on the network of the continuous of the co
(b)	Give two solutions to the conditions mentioned above. (2 marks)

6.	(a)	Distingui	sh between a blog and we	d portal.	(2 marks)	
	(b)	Outline the available	nree steps of downloading in PDF format.	and printing information fro	om internet (3 marks)	
		Tay F				
7.			shows the table structure of stions that follow.	of silver shine distributor Ltd	Database. Use	
	Field		Data-type	Size		
	DVD	-code	Alpha numeric	8		
	Title		Text	20		
	Purch	nase price		Fixed		
	Sale	price	Currency	Fixed		
	Quan	ntity		3		
	Date (a)	bought Determin	ne the primary key used in	Mediam the above information.	(2 marks)	
	(b)	(b) Fill in the missing data types of the above fields.				
8.	From	ate, cyber point the above owing states	list, select he most appro ments.	pyware, cracker, surge protection to fill the blank	s in the (5 marks)	
	(i)	software	from human and natural	vould safeguard computer ha disasters.	ruware and	
	(ii)		ct children from accessing can be used.	g offensive sites on the netwo	ork	
	(iii)	Data tha		d must not be revealed to a th	nird party is said	
	(iv)	Device u		from excess electric power	that may destroy	
	(v)			cess to a computer system for	or malicious	

(ii) The root directory on to which a file must be saved. (1 m.		i) Le fin	TVPG TT					
D:\STUDENT WORK\EOT PRACTICAL\Safety.Doc (i) State the name of the immediate sub-folder in which a student can sa work. (1 m. work. (1 m. d. m. d. m. work. (1 m. d. m. d. m. d. m. work. (1 m. d. m.	<u>ill</u>			an acardi parina	ork scored in Ari.	(ii) Highest m		
D:\STUDENT WORK\EOT PRACTICAL\Safety.Doc (i) State the name of the immediate sub-folder in which a student can sa work. (1 m. work. (1 m. d. m. d. m. work. (1 m. d. m. d. m. d. m. work. (1 m. d. m.								
work. (1 m. (ii) The root directory on to which a file must be saved. (1 m. (b) List down three types of files. (3 mar DEVICES FUNCTIONS (a) Web cam Storing large volumes of data. (b) Bar code reader Inputting data into the computer. (c) Magnetic tape Pointing on images on the screen. (d) Joy stick Connecting devices that are close to one another (e) Bluetooth device Storing web pages. Capturing images that are stored on the web. The worksheet below shows results of senior six students in End of Term I exams. Use it to answer the questions. A B C D 1. Name Art Bio Chem 2. Sali 82 60 45 3. Tim 49 48 60	(a)							
By the help of arrows, show the suitable function of each of the devices below; (5 mar) DEVICES FUNCTIONS (a) Web cam Storing large volumes of data. (b) Bar code reader Inputting data into the computer. (c) Magnetic tape Pointing on images on the screen. (d) Joy stick Connecting devices that are close to one another. (e) Bluetooth device Storing web pages. Capturing images that are stored on the web. The worksheet below shows results of senior six students in End of Term I exams. Use it to answer the questions. A B C D 1. Name Art Bio Chem 2. Sali 82 60 45 3. Tim 49 48 60		(i)		e of the immediate su	b-folder in which	a student can sav		
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Use it to answer the questions. A B C D 1. Name Art Bio Chem 2. Sali 82 60 45 3. Tim 49 48 60	(c)) Joy st	ick	Pointing on in Connecting d Storing web p	mages on the scre levices that are clo pages.	en. ose to one another		
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2. Sali 82 60 45 3. Tim 49 48 60	(c) (d) (e) The) Joy st) Blueto e worksh	cick ooth device eet below shows	Pointing on in Connecting d Storing web p Capturing im s results of senior six	mages on the scre levices that are clo pages. ages that are store	en. ose to one another ed on the web.		
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5. Arthur 40 52 62	(c) (d) (e) The Use) Joy st) Bluete e worksh e it to ans 1. Na 2. Sal 3. Tir	eet below shows swer the questio A me	Pointing on in Connecting d Storing web p Capturing im s results of senior six ns. B Art 82 49	mages on the screen levices that are clopages. ages that are store students in End of C Bio 60 48	en. ose to one another ed on the web. of Term I exams. D Chem 45 60		

	write	down a function formula to compute;.	(1 mark)
	(i)	Total mark for John.	(1 mark)
	(ii)	Highest mark scored in Art.	(1 mark)
	(iii)	If the total mark for Bio was increased by 10%, find the new total	al mark. (3 marks)
		the over discriby or to which a file most be saved	(ii)
13.	(a)	Define the term register.	(2 marks)
		Circle of the second second of the state of the second in the	b Jaist (d)
	(b)	List down three types of registers.	(3 marks)
		and as a form the substitle function of each of the hevides helow.	(उ. का प्रस्तिक स्थापन है। विकास समितिक स्थापन
14.	she	anwagi is an S.6 vacist, while she is still waiting for her results bat decided to start a Home based – business where she makes cookie as them and supplies them to nearby supermarkets and peddler what trading centre selling the products. Nakanwagi's mother lives in Umised to send her a powerful laptop and a small printer to boost here. As a student of ICT explain two ways through which the lapto improve Nakanwagi's already existing business.	no move around J.K and has er business.
		Established Commission of Schior six students in End of Turin') examine ducations	The worksheer
	(b)	Suggest three services directly offered by the laptop and the p	rinter which

5.		(i) GSM	againts n					
		(ii) GPRS						
	(b)	List three examples of search engines	(3 marks)					
		nician sygned to install wit discuss existing and the install of the inserted the operators of the property of the operators of the operator	deal del n'ebest) sterio					
		enputer, it displayed an error mostalgas. Reace of the problem.	(a) Suggest tirrer					
6.	(a)	Distinguish between a physical drive and a logical dr	ive. (2 marks)					
		ELEGENT MARKETA ALDENT MARKET EXA						
	(b)	Explain why it is not advisable to compress a storage media.						
			media. (2 marks)					
ereb or erit	(a)	Give one reason why it is important to back up your of						
7.		d the statements below and write TRUE or FALSE.	lata regularly. ' (1 mark)					
7.		d the statements below and write TRUE or FALSE. STATEMENT	lata regularly. ' (1 mark)					
7.	Reac	d the statements below and write TRUE or FALSE.	lata regularly. ' (1 mark)					
7.	Read (a)	the statements below and write TRUE or FALSE. STATEMENT Fire wall is both hardware and software.	lata regularly. ' (1 mark)					
sant.	(a) (b)	the statements below and write TRUE or FALSE. STATEMENT Fire wall is both hardware and software. Tele conferencing is real-time communication.	lata regularly. ' (1 mark)					
7.	(a) (b) (c)	the statements below and write TRUE or FALSE. STATEMENT Fire wall is both hardware and software. Tele conferencing is real-time communication. Paradox is an application package. A student delivering a presentation would need an	lata regularly. ' (1 mark)					

the

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Ovei

	(b)		enance.	(3 marks)
			2840	70
			250 igan ikines la kalqas wa sa di k	
19.	comp	uter tha	lab technician wanted to install windows operating system it came without O.S. He inserted the operating System CD on the computer, it displayed an error message.	on a new but every time
	(b)	Sugge	est three causes of the problem.	(3 marks)
			stinguish between a physical drive and a loctest drive.	iU (ii) s
	(c)	Highl	ight two possible causes of corrupted registry.	(2 marks)
		Beine 1	plain why it is not advisable to compress a stotelenged part	
20.	and i	nformature that	the dangers that information systems are faced with, due to tion and perpetration of computer crimes. It is important to can be taken to detect and prevent computer crimes. Inguish between Audit trial and logo files.	threats to data look at some (2 marks)
	(b)	Expla(i)	ain how the following computer crimes are committed. Fraud.	(3 marks)
		(ii)	Sabotage.	
			gi ngo bina gingiyas isangimos nos oron sonoronin - mi - mi	
		(iii)	Alteration.	