Candidate's Examination Number

THE UNITED REPUBLIC OF TANZANIA NATIONAL EXAMINATIONS COUNCIL FORM TWO SECONDARY EDUCATION EXAMINATION

036

INFORMATION AND COMPUTER STUDIES

Time: 2:30 Hours

Thursday, 26th November 2015 p.m.

Instructions

- 1. This paper consists of sections A, B and C. as characteristic and the section of sold W
- 2. Answer all questions in sections A, B and C.
- 3. All answers must be written in black or blue ink.
- 4. Write your answers in the space provided. The space of the space of
- 5. Cellular phones and calculators are **not** allowed in the examination room.
- 6. Write your Examination Number at the top right corner of every page.

FOR	EXAMINERS' US	E ONLY
QUESTION NUMBER	SCORE	EXAMINERS' INITIALS
a laboratoria de la laboratori		be wat to some a decision
2		nt-wenam
3	dispersion Modernathy	opinicus which resided the second
4	7	icroprocesor
5	and a word pa	aomgillami Imonii
G Word perfeut	title tusks marealler	Hity programs
TOTAL	-	ecial programs

Answer all questions in this section.

		ch of the following items (i) – (xx) , choose the	correct answer and write its letter in the
bo	x pro	ovided.	designation and
(i)	A n	nemory which is used to store programmed instr RAM	uctions and data permanently is called
	В	ROM nove/ of vebaconii	Time: 2:30 Hours
	C	register	
	D	buffers which was to successful the successful to the successful t	
(ii)	Wh	nich one of the following commands is used to re	boot a computer?
	A	Ctrl+ Shift + Del	
	В	Ctrl + Alt + Tab	 Answer all questions in sections A
	C	Ctrl + Alt + Shift	
	D	Ctrl + Alt + Del	
(iii)	Wh	nich one of the following is not a traditional way	s of disseminating information?
	A	Whistle	
	В	Drum Moor nommandaxe out in Lowella 168 2	S. Cellular phones and calculators an
	C	Horns	THE RESERVE THE PARTY OF THE PA
	D	Newspaper Ways to as most till and still the a	
(iv)	Op	erating System which do not provide Graphical	User Interface (GUI) is called
	A	Window XP	MANUAL MA
	B	DOS	OUES TON NUMBER SC
	C	Macintosh	
	D	Window 98	
(v)	De	velopment which marked the second generation	computers is
	A	vacuum tubes	
	В	transistors	
	C	microprocessor	
	D	artificial intelligence	
(vi)	The	e programs designed to perform specific tasks ar	e called
1.0	A	utility programs	0
	В	system software	
	C	special programs	JATOL
	D	application software	

		The following Bestrie	man and the first productions in all little between the comparison days
		Candio	date's Examination Number
(vii)		nich of the following soft tched on?	tware will be loaded first to the memory when the computer is
	A	Word processor	D supercomputers A set I
	В	Ms excel	List A
	C	Window XP	(xv) Which one of the following is an example aftercrating:
	D	Ant-virus software	A Microsoft window
(viii)	The	e computers which are me	ostly used in large businesses as network servers are known as
	Α	supercomputer	D Microsoft Power Polishmon a swart time to the
	В	minicomputer	L DELOCALE THAN THEY A COMBRAME CO. S. COMBRAME
	C	mainframe computers	(xx) The following are functions of the UPS except
	D	microcomputer	saly determines the appropriate rowog moverg of A
(ix)	Wh		is an example of an absolute cell reference in a spreadsheet?
	A	2\$B	D to supply nower during power out
	В	\$A1	remove any distortion bolom 11 Modern
	C	\$B\$1	
	D	\$A\$B	
(x)	for A	mula, =C5*(A4+A7)-(C4 10	C7 contain values 4, 4, 9, 2 and 3 respectively. Then in cell D a A/C7) is entered. What will be the value for cell D?
	C	11	(xviii) The editing tool that helps the user to find words or plin
	D		
		diffuse in de without	
(xi)		nich one of the followir	ng devices must be used to connect two computers for data
	Α	USB	T) autorext
	В	NIC	Arranga resource To reference are Animalia's art (riv)
	C	modem	(XIV) The Jollowing are examples of browser except A google chrome
	D	gateways	
		11	
(xii)	Wh	nich one of the following	is not a word processor?
	A	Word star	ments, water TRUE at the statement of the real Extract 1 to
	В	Word wrap	(xx). A website that contains personal incornation which can
	C	Word perfect	
	D	Word pro	printers are examples of tron any at 18 miles of the H
(xiii)	Per	ripheral devices are con	nnected to the system unit using special cables known as
	A	interface cables	
	В	ports cables	study to program has self-replicates honce jun an appear in a
	C	USB cables	The proposition of the state of
	D	device cables	The state of the s

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(xiv)	Computers that process both analog and digital data are called		
	A hybrid computers		
	B digital computers will be be be a like one with a grant and the second of the second		
	C general computers	thed on?	HWE
	D super computers		
	on the day of the continue with the man and the over inch		
(xv)	Which one of the following is an example of operating system?	The working W	
	A Microsoft window	Ant-virus sonwi	G.
	B Microsoft access		
	C Microsoft word		
	D Microsoft PowerPoint		
	The state of the s		
(xvi)	The following are functions of the UPS except	mainti anno comp	
	A to prevent power surge	somdimono man	18.1
	B to provide main power source		
	C to provide stable power	th one of the fall	
	D to supply power during power cut		
	Later made of the theory sentences union one up a front	a the sincer head	
(xvii)	The work area made up of rows and column where data is enter	red is called	
	A cells		CI -
	B worksheet		
	C workbook		
	D spreadsheets will be all the wall of the		mior
r ver		to the state of Market	12/2
(xviii)	The editing tool that helps the user to find words or phrases w	ith similar mean	ing is known
	as	14	
	A lautocorrect		- 40
	B thesaurus		
	C find and replace		
	D autotext		
	The Charles of the Ch		
(xix)	The following are examples of browser except		
	A google chrome		1 4
	B mozilla Firefox		in the
	C internet explore		
	D yahoo salawa balawa b		
(vv)	A website that contains personal information which can easily	he undated is cal	lled
(xx)	the state of the s	oc updated is car	licu
		mo boow	one G
	B web page		
	C personal web D blog		
	D blog		

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2. Match the following functions of network devices in **List A** to their corresponding communication devices in **List B** by writing the letter of the correct option beside the item number in the table provided.

	List A The State Republication of the State Repu	List B
(i)	A device which create a physical link between the computer and the transmission media.	A Wireless antennae
(ii)	A device which converts a signal from digital to analog	B Switch
(11)	form for the purpose of transmission.	C Gateway
(iii)	A device that connect networks that have a common architecture.	D Router
(iv)	A device that relectively determines the appropriate	E Repeater
(iv)	A device that selectively determines the appropriate network segment for which a message is meant for delivery through address filtering.	F Bridge
2.8	Answer all questions in this section.	G Hub
(v)	A device that receives a signal from one segment of network, cleans it to remove any distortion before sending that signal to another computer.	H Modem
<i>(</i>	Walter Valley and many Valley Sales to the College	I Access point
(vi)	A device which interconnects different networks and directs the transfer of data packets from source to	J Network Interface
	destination.	Card
(vii)	A device which can be configured to provide access to wide area networks or Internet.	K Coaxial cable
		L Data bus
(viii)	A device which forwards a packet directly to the address node without broadcasting.	M Universal serial bus
(ix)	A device which detect signals in the surrounding.	and the computations
(x)	A device which is most common in wireless network.	(b) (ii Define the term

ANSWERS

List A	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)
List B	JEST J.	atamerica.	e Vr. Ympy	word bur	o inlamt	a latter	e demanda	relucit eri	ri an	

- 3. For each of the following statements, write TRUE if the statement is correct or FALSE if the statement is not correct.
 - (i) Laser printers and ink jet printers are examples of non-impact printers.
 - (ii) Touch screen and monitors are output devices.

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(v)	Prim	nary and secondary source are not main classes of source of information.
		recommended fire extinguishers are liquid type.
(vi	i) Anti	glare screens can avoid eye strain caused by over bright cathode ray tube monitors.
(*:		alabort database and analysis the main and ball of the same of the
(VI	11) WO	orksheet, database and graphs are the main components of spreadsheets.
(ix) Port	rait and landscape are types of page layout.
(x)		majority of menu shortcut keys are activated by using control key.
		SECTION B (40 Marks)
		network segment for which a thickenge is mant for the Bridge delivery through address littering.
		Answer all questions in this section.
4. (a)	Comp	plete each of the following sentences using one item from the given list.
	Mer	nu bar, tool bar, Ctrl+F4, Ctrl+S, Ctrl+ X, status bar, Ctrl + V
	/g W	The state of the s
	(i)	act as communication link between the user and the program.
	(ii)	help a user to close the current document.
	(iii)	help a user to save changes made to the document.
	(iv)	help a user to paste the document. guibnuorus ad ut slangis tastad daidw aaivad A (xi)
(b)	(i) I	Define the term electronic word processor.
		······································
	(ii)	Give four advantages of electronic word processor over manual typewriters.
		2. For each of the factoring statement with FREE Constitutions and the converts
		and the supplier of the suppli
		programme to the interest of the supplementary and the programme and the supplementary a
		(ii) Touch screen and monitors are output devices.
		(iii) Most word processors have ability to create and impart-schles, text and
5. (a)		Central Processing Unit (CPU) is the most important component of the computer. Mention three functional elements of CPU.
		Comment of the commen

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		cpny.	ghest ne	the Ing	alculate	d to c	Stimber	e function	il silviii I	
E	Read the follo	owing	enancho	t and an	swer th	e que	stion th	at follow:		
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	Employee		Norma	per	opposition.	SOME.		Total		
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5	T121	Admin	40		200000		20000	24000	176000	
6	T122	Sales	38	1000000	133000	The second	13300	15960 20160	117040 147840	
7	T123	Finance Admin	40	-	168000 168000	-	16800 16800	20160	147840	
9	1124	Admin	40	4200	100000	3300	10000	20100	THIN I	
10	Total Gross				774000					
11	Average Nett				**********				136224	
12										
13										
							1			
(Give the nan	ne of th	e progra	ım used	to crea	ite the	snapsh	ot above.		
) 1	Write the for	it face	and size	used to	type th	ne deta	ails in g	iven snaps	hot.	
•										
i) (Give the refe	rence	name of	the acti	ve cell					
1)	dive the refe	Tence i	iailie 01	the acti	ve cen.					
7) 1	What format	was do	one for t	he cells	in row	3?				
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	THE INCL CALL	ne non	u suvua	icung i	otal u	cuuci	ion moi	ii die Gre	iss. Willic	uo

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(vii) Write the function required to calculate the total gross.
(viii) Write the function required to calculate the highest net pay.
(ii) Reed that a downer snapshot and unitswar the great and training to the state of the state o
SECTION C (20 Marks)
Describe two advantages and three limitations of using E-mail as means of communication.
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COOKS VALUE TO BE STORY
111 Give the name of the program used to create the snopshal above:
uli) Write the fout lace and see used to type the details in given snaps but makings and
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(IIII Circ. the reference name of the active cell.
(iv) What formal was done for the cells in row 3?
cvia. Ware down the function required to extend the oversion for all the sale
- Bullio Capiti