FOR OFFICIAL USE				

	KU	PS
Total Marks		

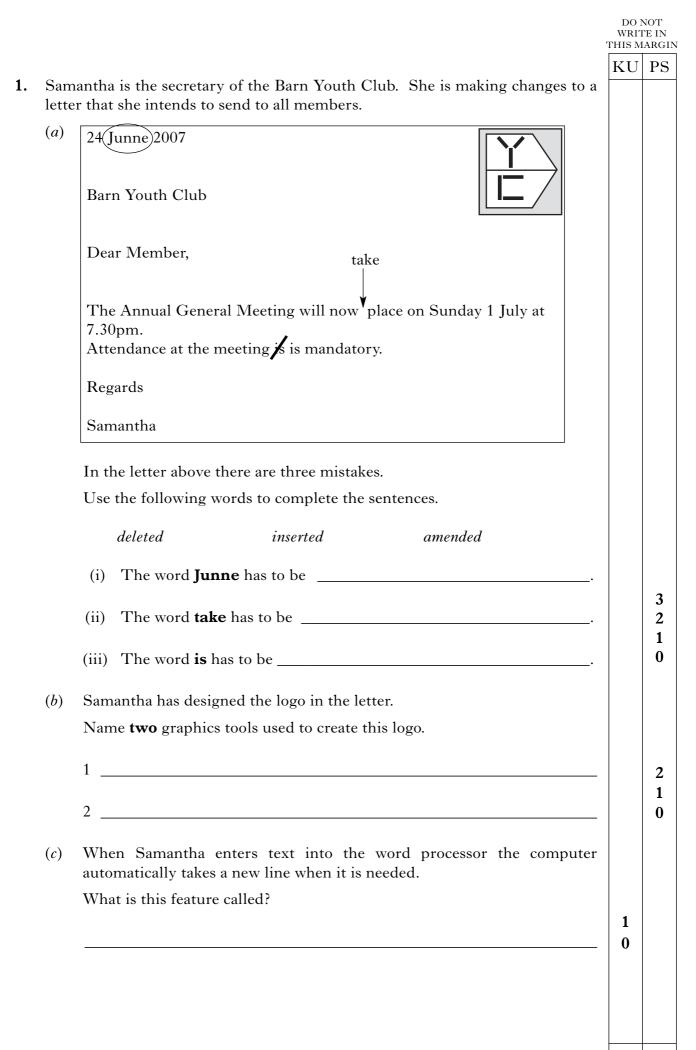
0560/401

NATIONAL QUALIFICATIONS 2007

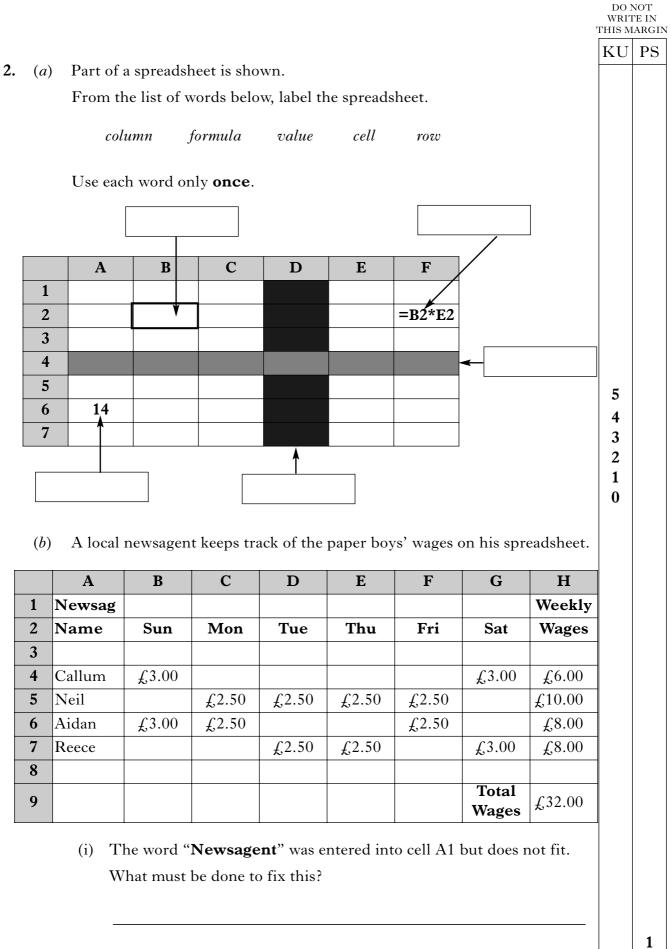
9.00 AM - 10.00 AM

WEDNESDAY, 2 MAY COMPUTING STUDIES STANDARD GRADE Foundation Level

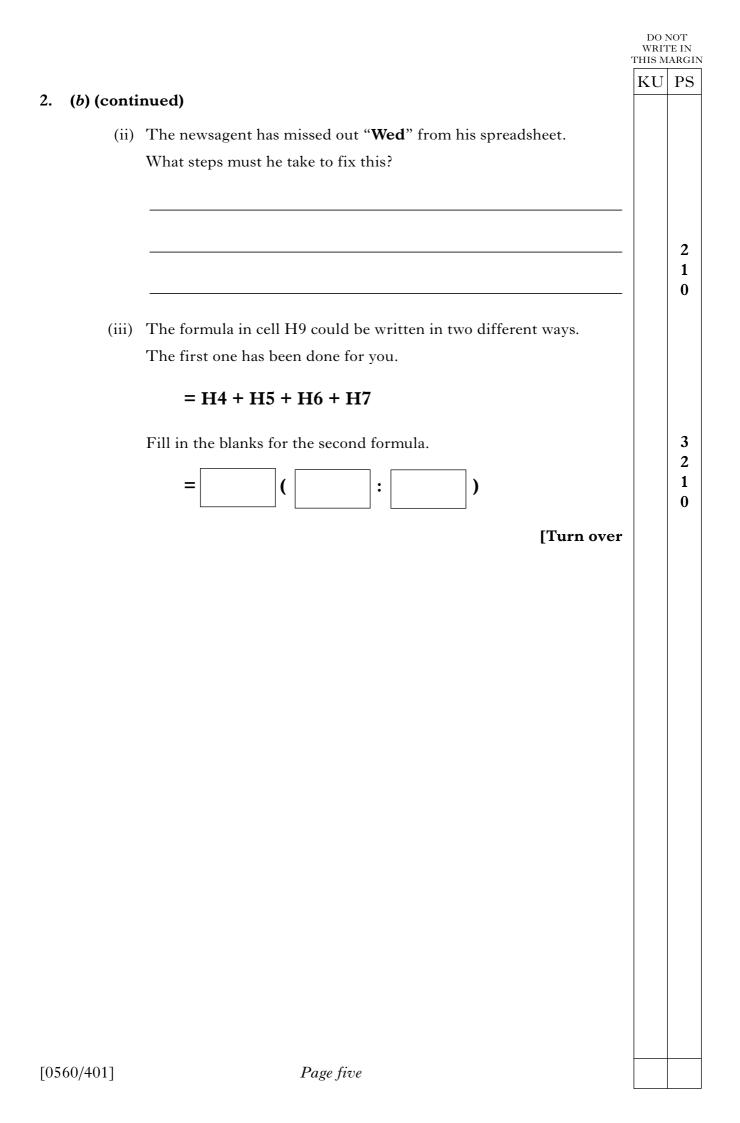
Fill in these boxes and read	d what is printed below.	
Full name of centre		Town
Forename(s)		Surname
Date of birth		
Day Month Year Scott	tish candidate number	Number of seat
Read each question carefully	/.	
Attempt all questions.		
Write your answers in the sp	ace provided on the questi	on paper.
Write as neatly as possible.		
Answer in sentences wherev	er possible.	
Before leaving the examinati you may lose all the marks for		s book to the invigilator. If you do not,
		\sim
		SCOTTISH QUALIFICATIONS
		AUTHORITY
SA 0560/401 6/13670		© C



			DO I WRIT THIS M	TE IN
1.	(cor	ntinued)	KU	PS
	(<i>d</i>)	The letter has now been changed.		
		24 June 07		
		Barn Youth Club		
		Dear Member,		
		The Annual General Meeting will now take place on <u>Sunday</u> 1 July at 7.30pm. Attendance at the meeting is mandatory.		
		Regards		
		Samantha		
		Use the following words to complete the sentences.		
		underlined bold italics		
		(i) Annual General Meeting is in		
		(ii) Sunday has been		3 2
		(iii) Samantha is in		1 0
	(<i>e</i>)	The layout of the main text in the letter has been justified.		
		What type of justification has been used?		
		Tick (✓) one box only.		
		Centre Justified Left Justified Right Justified		1 0
	(<i>f</i>)	Samantha wishes to print out the letter with a landscape layout.		
		Which option below is a landscape layout?		
		Tick (✓) one box only.		
			1 0	
[05	60/40	[Turn over Page three		

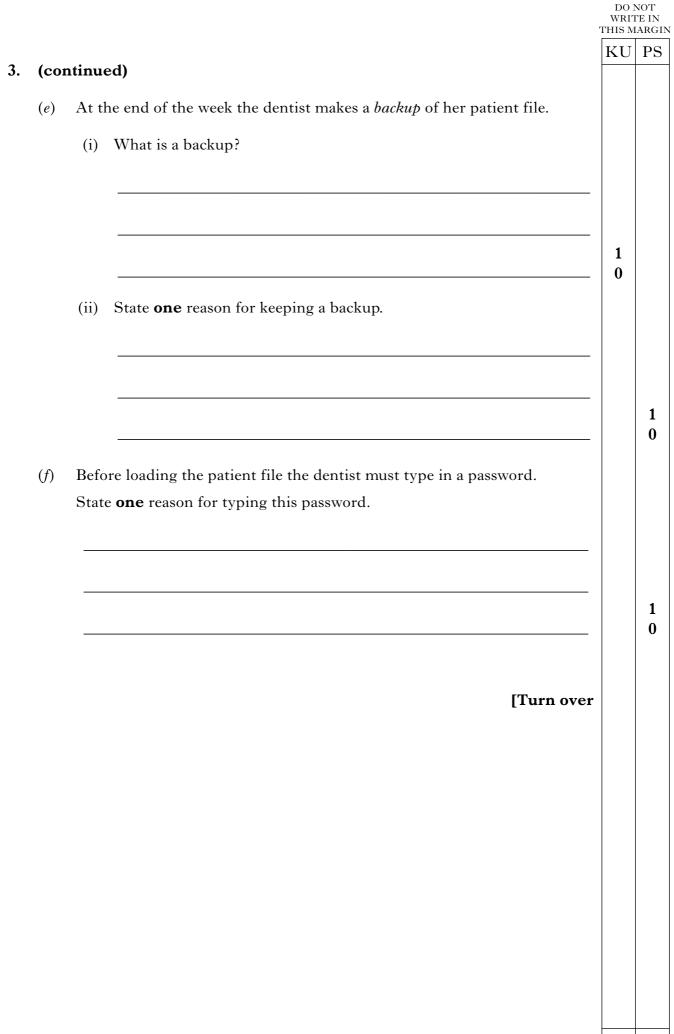


0



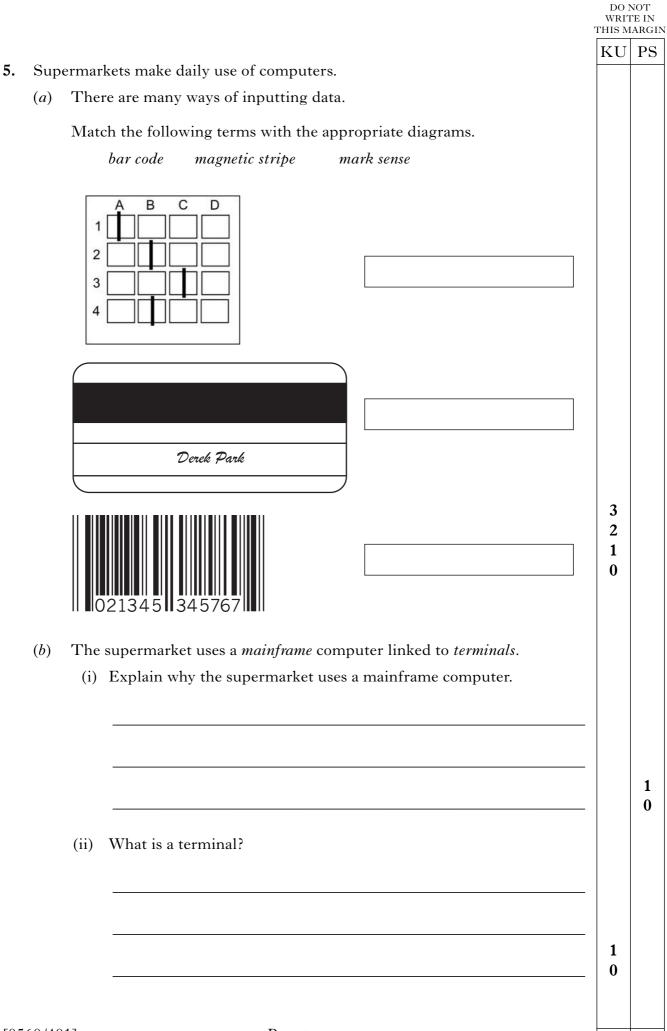
(<i>a</i>)		ication would be		' records on a co or this task?			
	Tick (🗸) on	e box only.					
	Word Proce	essing	Database	Graphics		1 0	
(<i>b</i>)	Samples of	the dental recor	ds are shown b	pelow.			
]	First Name	Stuart	Andrew	Gillian	John		
S	Surname	Forrest	Taylor	Bell	Simpson		
]	Date of Birth	17/10/90	14/01/90	09/03/91	14/07/91		
Ś	Street	1 Nova Street	31 Corsa Ave	47 Burn Street	1 Canada Ave		
,	Town	Boat	Garten	Lomond	Maple		
1	Appointment	15/05/07	15/05/07	26/06/07	30/10/07		
(c)	A new patie		Johnstone joir	oove ns the dental pra rmation Elaine			
(c)	A new patie What must	nt called Elaine the dentist do	Johnstone joir with the info	ns the dental pra rmation Elaine	Johnstone has	1	
(c) (d)	A new patie What must given her?	or <i>sort</i> to comp	Johnstone joir with the info	ns the dental pra rmation Elaine	Johnstone has	10	
	A new patie What must given her? Use <i>search</i> (i) The de	ent called Elaine the dentist do or <i>sort</i> to comp ntist wants to kr	Johnstone joir with the info	ns the dental pra rmation Elaine ving sentences. n appointment o	Johnstone has		
	A new patie What must given her? Use <i>search</i> (i) The dea The dea	ent called Elaine the dentist do or <i>sort</i> to comp ntist wants to kn ntist should	Johnstone joir with the info	rmation Elaine	Johnstone has n 15/05/07.		
	A new patie What must given her? Use <i>search</i> (i) The dea (ii) The dea (ii) The dea	ent called Elaine the dentist do or <i>sort</i> to comp ntist wants to kr ntist should ntist wants a list	Johnstone joir with the info	rmation Elaine rmation Elaine ving sentences. n appointment o on the field App	Johnstone has n 15/05/07. oointment. order.		
	A new patie What must given her? Use <i>search</i> (i) The dea (ii) The dea (ii) The dea The dea	ent called Elaine the dentist do or <i>sort</i> to comp ntist wants to kr ntist should ntist wants a list	Johnstone joir with the info	hs the dental pra rmation Elaine ving sentences. In appointment of on the field App in alphabetical on the field Sur	Johnstone has n 15/05/07. oointment. order.		

DO NOT



<i>(a)</i>	Match the following words with the statements below.	KU
	CD–ROM drive trackpad mouse printer	
	floppy disk monitor keyboard DVD–ROM drive	
	Use each word only once .	
	(i) An output device that produces a paper copy.	
	(ii) An input device used to input text.	
	(iii) An input device used on a lenter instead of a measure	
	(iii) An input device used on a laptop instead of a mouse.	
	(iv) A portable backing storage device used to store movies.	
		5
	(v) A backing storage device with a small capacity.	32
		1
		0
(<i>b</i>)	Which of the following best describes the operating system of a computer?	
	Tick (✓) one box only.	
	a piece of hardware	
	on-line tutorial	
	a program	1 0
(<i>c</i>)	Memory in a computer can either be RAM or ROM . State one difference between RAM and ROM.	
		1 0

				DO I WRI THIS M	ΓΕ ΙΝ
4.	(co1	ntinu	ed)	KU	PS
	(<i>d</i>)	(i)	How many <i>bytes</i> are there in a <i>kilobyte</i> (Kb)?	1 0	
		(ii)	Which of the following is the largest? Tick (✓) one box only.		
		(iii)	1 Mb 1 Tb 1 bit What does <i>bit</i> stand for?	1 0	
				1 0	
	(<i>e</i>)	stori in R on p in fo	Ile using the computer, users should keep their files tidy by ing them OM. opper. olders.	1	
		Tick	x (✔) one box only. [Turn over	0	
[05	60/40)1]	Page nine		



			DO I WRIT THIS M	ΓΕ IN
The supermarket has just introduced a new computerised system. (c) Use the following words to complete the sentences. speed initial retrained accurate The staff need to be to use the new computer system. The cost of the computer system is high. Information is more on a computer system than a manual system. The of processing on the new computer system is faster than the old system. (d) The data processing eyele in the supermarket is very important. Use the following terms to complete the data processing cycle. data storage data input data preparation Three have been completed for you. Data collection Data output Data process Turn over 10 10 10 10 10 10 10 10 10 10				PS
 (c) Use the following words to complete the sentences. speed initial retrained accurate The staff need to be				
<pre>speed initial retrained accurate The staff need to be to use the new computer system. The cost of the computer system is high. Information is more on a computer system than a manual system. The of processing on the new computer system is faster than the old system. (d) The data processing cycle in the supermarket is very important. Use the following terms to complete the data processing cycle. data storage data input data preparation Three have been completed for you. Data output Data output Data output Data output Data process Turn over Turn over</pre>				
The staff need to be	<i>(c)</i>			
system. The		speed initial retrained accurate		
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Use the following terms to complete the data processing cycle. <i>data storage data input data preparation</i> Three have been completed for you. Data collection Data output Data output Data process [Turn over				1
Three have been completed for you. Data collection Data output Data process [Turn over	(<i>d</i>)			
Data collection Data output Data process [Turn over		data storage data input data preparation		
Data collection Data output Data process [Turn over		Three have been completed for you		
Data process [Turn over		Data collection		
Data process Data process 2 1 0 [Turn over 1	Data ou	tput		
Data process Data process 2 1 0 [Turn over 1				
Data process Data process 2 1 0 [Turn over 1				
		Data process	2 1	
[0560/401] Page eleven		[Turn over		
	[0560/40	1] Page eleven		

			WRI THIS N	IAI
The (<i>a</i>)		now use robots to help defuse bombs. e one reason why the army use robots instead of humans.	- KU]
(<i>b</i>)	(i)	State how robots are given their instructions.	-	
	(ii)	Explain how robots can be made to carry out a different task.	- 1 - 0	
(c)	The (i)	army robot looks like this. Label the parts of the robot.	_	
	wrist			
60/40	1]	Page twelve		

				DO I WRIT THIS M	ΓΕ IN
6.		aanti	nued)	KU	PS
	(c) ((ii)	Is this a <i>stationary</i> or a <i>mobile</i> robot? Tick (✓) one box only. stationary mobile	1 0	
	(d)	(i) (ii)	two of the following words to complete the sentences. feedback sensors speed motors Robots detect their surroundings by using		2 1 0
	(e)	Wha	en the robots are made a system called <i>CAD/CAM</i> is used. at do CAD and CAM stand for? in the missing words. Computer Aided D Computer Aided M [Turn over for Question 7 on Page fourteen]	2 1 0	
[056	0/40	1]	Page thirteen		

				DO N WRIT THIS M	TE IN
7.	(<i>a</i>)	Cait	lin's computer is connected to the World Wide Web (WWW).	KU	PS
		(i)	Which type of <i>network</i> is this? Tick (✓) one box only.		
			Local Area Network (LAN) Wide Area Network (WAN)	1 0	
		(ii)	What does Caitlin's computer need to view a Web page on the WWW?		
			Tick (✓) two boxes only.		
			modem browser		2
			printer scanner		1 0
	<i>(b)</i>	The	computer system has an <i>integrated package</i> .		
		(i)	What is an integrated package?		
				1 0	
		(ii)	Integrated packages have a common HCI.		
			What does HCI stand for?		
			Fill in the missing words.	2	
			H Computer I	1 0	
			[END OF QUESTION PAPER]		
[05	60/40	1]	Page fourteen		

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