6-A-Day – Computer Science GCSE (39)

Q 1						3	1 mark per row
	Item of data	Date	Integer	Real	String		
	The amount paid			✓			
	The customer's card number				✓		
	The date of the payment	✓					
Q 2	Points may include:		6			High Level Re	
×∠	Need to be always ava Shops and custome process payments qui In if it goes down, ther delays/customers lost Need to always proces accurately In shops want to be controlled the process of the proces	rs want to ckly, e will be etc ss payments onfident that ayment ant to be st the chases				A detailed des for reliability w justified points There will be f spelling, gram Technical tern appropriately a Medium Level Some reasons needed are ex explanations of There may be spelling, gram Technical tern correct. Low level resp One or more or is needed are is little or no endimited, if any, terms. Errors a punctuation are intrusive.	cription of the need ith a number of fully it. ew if any errors in mar and punctuation. It is will be used and correctly. Response (3/4); such reliability is gulained, but some nay not be detailed. It is occasional errors in mar and punctuation. It is will be mainly it identified, but there explanation. It is poorly if there will be a use of technical
Q 3	System information: displays important data about the computer e.g. temperature, free memor processor used Diagnosis: attempts to detect/resolve its working correctly e.g. missing drivers, network	ry, network	speed, %	"di ex dia Ex	agnosis" + 1 ma amples, but not agnosis.	ork for each ex examples rela	em information" and ample – accept relevant ted to virus/malware for amples of the use of these riptions.

\bigcirc 4		
Q4	System information: • displays important data about the current state of the computer • e.g. temperature, free memory, network speed, % processor used Diagnosis: • attempts to detect/resolve items that are not working correctly • e.g. missing drivers, network connection 4 1 mark each for explaining "system information" an "diagnosis" + 1 mark for each example – accept rel examples, but not examples related to virus/malwa diagnosis. Examples should be specific examples of the use of utilities rather than general descriptions.	evant re for
Q5	i Solid state 1 No follow through from (i). Candidates need to it relevant characteristic of solid state storage for and expand by explaining why this is an advantable book reader for the second mark. No moveable parts/robust No moveable parts/robust can be handled/manipulated/moved without damaging it No follow through from (i). Candidates need to it relevant characteristic of solid state storage for and expand by explaining why this is an advantable book reader for the second mark. Note that portable/capacity are not acceptable at (as solid state storage for the parts of the second for this particularly more properties.)	the first mark, age in an e- answers here
Q6	Small/light enough to fit within a hand held device low power to extend battery life of reader	
	i eg Cheap to produce Easily portable / Fits in a magazine Enough capacity for e-books Can be read by other devices e.g. computers Read only / can't write over ii optical 2 Note that portable/capacity are acceptable answers they are relevant characteristics of a CD ROM) Do not accept "compact" (unless portability is clearly	