The answers on this worksheet have been taken from the OCR GCSE Computing January 2011 Paper

6-A-Day – Computer Science GCSE (8)

Q1	3MHz. Two from	
	• 3MHz is the clock speed / how fast the processor is	
	• Indicates how many instructions may be processed in each second	
	• Indicates how many clock cycles per second	[2]
	Quad core	
	• The computer has 4 cores...	
	• ...which are independent processors within the CPU ..	
	• ... working simultaneously / can perform multiple tasks	[2]

Q2	Two from:	
	• To share the printer	
	• To share the internet connection	
	• To share files	
	• To communicate with each other eg by email	[2]

| Q3 | • 128 + 16 + 4 + 2 + 1 | |
| | • 151 | [2] |

The answers on this worksheet have been taken from the OCR GCSE Computing January 2011 Paper

Q4

	ROM	RAM
Programs and data which are currently in use are loaded here		✓
All the contents are lost when the power is turned off.		✓
It is used to boot up the computer when it is switched on.	✓	

1 mark per correct row

[3]

Q5

Expected Answer	Mark
• Software created especially for a user/the restaurant	
	[1]

Additional Guidance

Do not accept "for a specific purpose" unless candidate indicates that there is a user who determines the purpose.

Q6

- A real world object
- ... about which data is stored in a database
- Corresponds to tables in the database

[2]