6-A-Day – Computer Science GCSE (28)

Q1	Most computer systems use at least one storage device.
	(a) Explain one reason why a secondary storage device is needed in most computer systems.
	[2]
Q2	A school has all of its computers in a local area network (LAN).
	(a) State two benefits of a LAN.
	1
	2
	[2]
Q3	Explain two measures which the school will need to take to ensure the security of the network.
	1
	2
	[4]

Q4	Explain the effect of the sampling interval on the size and quality of the sound file recorded.
	[3]
Q5	
	The accident and emergency department of a hospital uses a computer system to decide the order in which patients are treated.
	Describe advantages of using a computer system instead of a person to decide the order, and the need for this system to be reliable.
	The quality of written communication will be assessed in your answer to this question.
	[6]
04	
Q6	Explain why data is stored in computers in a binary format.
	[2]