6-A-Day – Computer Science GCSE (29)

Q1

Some secondary storage devices are magnetic and others are solid state.

Describe the characteristics of magnetic and solid state secondary storage.

The quality of written communication will be assessed in your answer to this question.

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.... **[6]**

Q2

Describe how sampling is used when storing sound.

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.... **[2]**

Q3

State how the ASCII character set is used to represent text in a computer.

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.... **[1]**

Q4

In the ASCII character set, the character codes for the first three capital letters are given below.

Letter	ASCII character code
A	0100 0001
B	0100 0010
C	0100 0011

Convert the word CAB into binary using the ASCII character set.

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.... [1]

Q5

Describe what is meant by a logic error.

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.... [2]

Q6

State **two** functions of the operating system.

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2 ....

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[2]