ENGLAND GCSE COMPUTER SCIENCE OCR · UNIT 1 · 5 QUESTIONS

Systems Architecture, Memory and Storage — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A laptop stores its operating system on a solid state drive. Why is this fast?**

- A A solid state drive runs the programs itself
- B A solid state drive holds more data than RAM
- C A solid state drive has no moving parts
- D A solid state drive is a type of main memory

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2 **What is a stored program?**

- A A program that can never be changed or updated
- B A program held in memory that the CPU can run
- C A program that runs without using any memory at all
- D A program saved on paper for the user to read

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3 **A sound clip is recorded at a sample rate of 8000 samples per second for 5 seconds with a bit depth of 16 bits. What is the file size in bytes?**

- A 80,000
- B 800,000
- C 40,000
- D 160,000

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4 **What is bit depth in sound?**

A The number of samples taken each second

B The length of a sound recording in seconds

C The loudness of a sound when it is played

D The number of bits used for each sample

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5 **What is the binary value of denary 240? Give 8 bits.**

A 11101000

B 01100000

C 11110000

D 11111000

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ANSWER KEY

1. C
2. B
3. A
4. D
5. C

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