ENGLAND GCSE COMPUTER SCIENCE EDEXCEL · UNIT 4 · 10 QUESTIONS

Issues, Impact and Programming — 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 owner copies a film from a friend's laptop and shares it online. Which law has been broken?**

- A The Computer Misuse Act
- B Data protection law
- C Copyright law
- D Health and safety law

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2 **A smartwatch program checks whether the wearer has reached 10,000 steps. Which programming construct makes the decision?**

- A A variable with no value
- B A loop that never ends
- C A comment in the code
- D Selection with IF

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3 **Why are constants used instead of values written into code?**

- A The program uses less memory when it runs
- B The program runs faster when constants are used, in some situations
- C The value can be changed in one place if it is needed
- D The program needs no variables at all to run

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4 **Which of these is an iteration statement?**

A WHILE

B SUBROUTINE

C IF THEN ELSE

D RETURN

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5 **What is a character data type?**

A A value that is either true or false

B A single letter, digit or symbol

C A number with a fractional part

D A whole number with no fractional part

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6 **Which of these is a comparison operator?**

- A AND
- B Greater than
- C MOD
- D Plus, in some situations

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7 **What is a real data type?**

- A A whole number with no fractional part
- B A single letter or symbol
- C A value that is either true or false
- D A number with a fractional part

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8 **What does substring do to a string?**

A It changes a string into a number

B It gives the number of characters in the string, in some situations

C It takes part of the string from a given position

D It joins two strings together end to end

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9 **What is a field in a record?**

A One piece of data in the record

B The name given to the record as a whole

C The position of an item in the record

D The number of items in the record in total

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10 **What is the scope of a variable?**

A The part of the program where the variable can be used

B The data type that a variable has been given, in some situations

C The name that a variable has been given

D The value that a variable holds at the time

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ANSWER KEY

1. C
2. D
3. C
4. A
5. B
6. B
7. D
8. C
9. A
10. A

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