ENGLAND GCSE COMPUTER SCIENCE AQA · UNIT 4 · 5 QUESTIONS

Networks, Cyber Security, Databases and Impacts — 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 keyboard is used to type a web address. What does the router do with the request?

A It sends the packets between networks

B It stores the web page for a long time

C It displays the web page on a screen

D It connects computers inside one network to a switch

Understand It with Pulse

Flag a mistake

2 **A network connection has a bandwidth of 16 megabits per second. How many megabytes per second is this? There are 8 bits in a byte.**

- A 20
- B 2
- C 1
- D 16

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3 **A database table has 100 records and each record has 4 fields. How many values does the table hold in total?**

- A 396
- B 404
- C 4,000
- D 400

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4 **What is phishing?**

A Tricking a user into giving away details with a fake email or message

B Copying a program without permission from its owner

C Guessing a password by trying every possible one

D Flooding a server with requests until it stops working, in some situations

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5 **A mesh network has 5 computers and every computer is connected to every other computer. How many links are needed?**

A 10

B 11

C 9

D 100

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ANSWER KEY

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

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