ENGLAND GCSE COMPUTER SCIENCE EDEXCEL · UNIT 3 · 10 QUESTIONS

Computers and Networks — 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 printer is shared on a school network. What does a switch do on a network?

A It sends data between different networks

B It stores files shared on a network

C It checks computers on a network for malware, which can happen in some cases

D It connects computers inside one network and sends data to the right one

Understand It with Pulse

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2 **A server stores files for a school network. What is a LAN?**

- A A network with only one computer in it
- B A network covering a small area such as a home or school
- C A network covering the whole world
- D A network covering a large area such as a country, in some situations

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3 **How is an embedded system different from a general purpose computer?**

- A It is built to do any job and runs many programs, in some situations
- B It is built to do one job and cannot run other programs
- C It has no processor and no memory inside it
- D It must be connected to the internet to work

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4 **What happens to download time if bandwidth increases?**

A Downloads take more time

B Downloads take the same time

C Downloads take less time

D Downloads stop working altogether

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5 **What is SMTP used for?**

A Sending email between mail servers

B Sending web pages over the internet

C Giving computers on a network an address

D Sending files between computers

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6 **A CPU runs at 4 gigahertz. How many cycles does it carry out each second?**

- A 4,000,000
- B 400,000,000
- C 40,000,000,000
- D 4,000,000,000

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7 **What does a router do on a network?**

- A It sends data between networks
- B It connects computers inside one network only
- C It checks computers on a network for malware
- D It stores files shared on a network

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8 **What is an operating system?**

A Software that checks a computer for malware only, in some situations

B Application software used to write documents

C System software that manages the hardware and runs programs

D Software that compresses files to save space

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9 **A connection runs at 24 megabits per second for 20 seconds. How many megabytes are downloaded?**

A 600

B 70

C 60

D 30

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10 **A file of 9000 bytes is split into packets of 3000 bytes each. How many packets are there?**

A 3

B 2

C 4

D 30

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ANSWER KEY

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

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