codebash

Ten Examiner Lessons

What marking Candidates X, Y and Z teaches you about your own answers

1 **Use the scenario to reach full marks**
"A computer inside something" earns 1. Saying what it does in the doorbell earns the second.
Seen in 1(a): Y and Z

2 **Stay in the stage you are asked about**
Decoding is not part of fetch. Use the registers: PC to MAR, instruction to MDR, PC incremented.
Seen in 1(c): Y | Catalogue code P1-22

3 **More cores only help if the work can be split**
One frame at a time means extra cores sit idle. Choose, then justify with clock speed, cache and cores.
Seen in 1(d): X and Y | Catalogue code P1-26

4 **Answer every part of the question**
"How is it used and why is it slow?" is two questions. "Explain why lossy suits audio but not text" needs both.
Seen in 2(b)(i): X; 4(e): X | Catalogue code P1-23

5 **Characteristic, then link it to the task**
"Portable, durable and cheap" scores nothing on its own. Say why each matters for posting a film.
Seen in 2(c): X and Y | Catalogue code P1-05

6 **Show binary working**
Converting to denary can earn full marks, but if you slip there is no binary working to credit. Show the carries.
Seen in 3(f): Y and Z | Catalogue code P1-18

7 **Bits to bytes: divide by 8**
Forgetting it is the most common calculation error, and it caps the answer at 2.
Seen in 4(d): Y and Z | Catalogue code P1-28

8 **255 is the largest; 256 is how many**
Eight bits give 256 different values, from 0 to 255.
Seen in 3(h): Y | Catalogue code P1-04

9 **DNS: domain to DNS server, IP back to the browser**
The web server does not do the lookup, and the IP goes to the browser, not the user.
Seen in 5(e): Y and Z | Catalogue code P1-16

10 **Extended answers: every bullet, applied and weighed**
Missing one area caps you at 5. Name the right law (Data Protection Act, not Computer Misuse Act) and explain why it applies.
Seen in 8: Y and Z | Catalogue code P1-09

Tick the three lessons that apply most to you, and check for them in your next mock.