



GCSE ICT / DIGITAL TECHNOLOGY – REVISION QUIZ BOOKLET

(Matches the colour-coded checklist)

1. HARDWARE & COMPUTER SYSTEMS

Quick Questions

1. Is a scanner an input or output device?
2. What does CPU stand for?
3. Name one storage device.

Short-Answer Questions

4. Give one difference between RAM and ROM.
5. What is an embedded system? Give an example.

Challenge Question

6. Explain why a school might choose SSD storage instead of HDD.

2. SOFTWARE

Quick Questions

1. What type of software is an operating system?
2. Give one example of utility software.

Short-Answer Questions

3. What is the difference between open-source and proprietary software?
4. Give two examples of application software.

Challenge Question

5. Explain why a business might choose open-source software.

3. NETWORKS & CONNECTIVITY

Quick Questions

1. What does LAN stand for?
2. Name one piece of network hardware.

Short-Answer Question

3. Give one advantage of a wireless network.
4. What is the role of a router?

Challenge Question

5. Explain the difference between a router and a switch.

4. DATA REPRESENTATION

Quick Questions

1. How many bits are in a byte?
2. What does ASCII store?

Short-Answer Questions

3. Convert 2048 KB into MB.
4. What does image resolution mean?

Challenge Question

5. Explain how increasing sound sampling rate affects file size.

5. CYBERSECURITY & ONLINE SAFETY

Quick Questions

1. What is phishing?
2. Give one example of malware.

Short-Answer Questions

3. Give two ways to create a strong password.
4. What is encryption used for?

Challenge Question

5. A student gets a message asking for their login details. Explain two steps they should take.

6. LEGISLATION & ETHICS

Quick Questions

1. What law protects personal data?
2. What does the Computer Misuse Act cover?

Short-Answer Questions

3. Give one ethical issue with CCTV.
4. What is copyright?

Challenge Question

5. Explain one legal and one ethical issue with storing student photos online.

7. DATABASES

Quick Questions

1. What is a field?
2. What is a record?

Short-Answer Questions

3. Give one example of a data type.
4. What is a primary key?

Challenge Question

5. Explain the difference between sorting and filtering.

8. SPREADSHEETS

Quick Questions

1. What does the formula =SUM(A1:A5) do?
2. What is a cell reference?

Short-Answer Questions

3. Give one difference between absolute and relative cell references.
4. Name one type of chart used in spreadsheets.

Challenge Question

5. Explain how a spreadsheet can help someone track their spending.

9. DIGITAL MEDIA & DESIGN

Quick Questions

1. Why is font choice important?
2. What is a file format?

Short-Answer Questions

3. Give one example of good layout design.
4. Name two common image file types.

Challenge Question

5. Explain why consistency is important in digital design.

10. WEB & ONLINE TECHNOLOGIES

Quick Questions

1. What is a hyperlink?
2. What does URL stand for?

Short-Answer Questions

3. Give one feature of an accessible website.
4. What is a cookie?

Challenge Question

5. Explain two things a youth club should consider when designing a website for young people.