Computer Science Checklist

Subject Comp Science	Exam Paper Paper 1 Paper 2	Duration Paper 1: 1 hour 30 Paper 2: 1 hour 30
What to revise		How to revise it

PAPER 1

1	• **Systems architecture**
	  • 1.1.1 Architecture of the CPU
	  • 1.1.2 CPU performance
	  • 1.1.3 Embedded systems
		https://student.craigndave.org/videos/slr1-1-systems-architecture

2	**1.2 Memory & Storage**
	  • 1.2.1 Primary storage (memory)
	  • 1.2.2 Secondary storage
	  • 1.2.3 Units
	  • 1.2.4 Data storage
	    o Binary numbers
	    o Hexadecimal
	    o Characters
	    o Images
	    o sound
		https://student.craigndave.org/videos/slr1-2-memory-and-storage

3	**1.6 Ethical, legal, cultural and environmental impacts of digital technology**
	  • Ethical issues
	  • Legal issues
	  • Cultural issues
	  • Environmental issues
	  • Privacy issues.
		https://student.craigndave.org/videos/slr1-6-ethical-legal-cultural-and-environmental-concerns

PAPER 2

7	**2.1 Algorithms**
	  • 2.1.1 Computational thinking
	  • 2.1.2 Designing, creating and refining algorithms
	  • 2.1.3 Searching and sorting algorithms
		https://student.craigndave.org/videos/slr2-1-algorithms

8	**2.2 Programming fundamentals**
	  • 2.2.1 Programming fundamentals
	  • 2.2.2 Data types
	  • 2.2.3 Additional programming techniques
	    o Arrays
	    o Text files
	    o Sub programs
		https://student.craigndave.org/videos/slr2-2-programming-fundementals
		
		https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-2-the-use-of-sql-to-search-for-data

10	**2.4 Boolean Logic**	https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-4-simple-logic-diagrams

		https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-4-truth-tables https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-4-applying-logical-operators-in-truth-tables