Subject Revision Sheet

Computer Science

Exam board information
OCR Computer Science J277

Structure of exam
Paper 1 - Computer Systems: Written paper: 1 hour and 30 minutes 50% of total GCSE 80 marks This is a non-calculator paper. All questions are mandatory. This paper consists of multiple choice questions, short response questions and extended response questions. **Paper 2** - Computational thinking, algorithms and programming: Written paper: 1 hour and 30 minutes 50% of total GCSE 80 marks This is a non-calculator paper. This paper has two sections: Section A and Section B. Students must answer both sections. All questions are mandatory. In Section B, questions assessing students' ability to write or refine algorithms must be answered using either the OCR Exam Reference Language or the high-level programming language they are familiar with.

Exam paper links	Useful website/books/apps
https://www.ocr.org.uk/qualifications/gcse/computer-science-j277-from-2020/assessment/	https://mrfinch.kingsschoolhove.org.uk https://www.bbc.co.uk/bitesize/examspecs/zmtchbk

How to revise	Tips to answer common/extended questions
The best way to revise for Computer Science is to 1. Test yourself 2. Check your answer 3. Revise your weak topics and start this process again To help you with this I have a list of questions covering every topic that can come up in the exam. If you are not sure that you have received this, come and see me.	**Long answer questions (8 or 9 marks on Paper 1)** This one question is worth 10% of the paper. It is important that for this question you structure your answer well. - Start with an introduction to highlight what you will write about. - Then write a paragraph for each bullet point that gives a balanced argument (positives and negatives) - Add a conclusion to summarize. Make sure you keep all paragraphs relevant to the question and use key Computer Science terms and reference legislation where possible. **Long answer questions (5 or 6 marks on Paper 2)** These are often coding / algorithm questions. Always answer in python (even if they ask for pseudocode). Even if you don't know the full solution, answer everything you can (Go into bullet points or guess any bit you are not sure on).