



Subject		Computer Science		
Title/Topic		Format	Length	Date
Paper 1 – Computer Systems Theory		Written	1 hour	WC 5 June
Paper 2 – Problem Solving and Programming		Written	1 hour	WC 5 June

This assessment will test my knowledge on...

Paper 1 – Computer Systems

A selection of previous topics that need reassessing

- SLR1 and 2 - CPU Architecture
- SLR4 – Operating systems - Process Scheduling
- SLR 5 - Translators

Recent topics

- SLR 11 – Networks
- SLR 12 – Web Technologies
- SLR 13 – Data Types – Binary Numbers and Character sets

Paper 2 – Problem Solving and Programming

Programming Skills

1. Understanding and writing algorithms for a given problem
2. Including the use of the following techniques
 - a. Creating variables
 - b. Lists and 2D lists
 - c. Iteration – FOR and WHILE loops
 - d. Selection – IF ELSE ELIF
 - e. Functions and Procedures
 - f. Object oriented programming
 - i. Writing a class
 - ii. Writing a method withing a class
 - iii. Creating an object from a class



What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Use your SLR sheets (1-10) to revise each chapter of theory. Consolidate the notes, practice key vocabulary.
2. Watch the corresponding videos on Youtube from CraigNDave, making notes as you go.
3. Complete questions on IsaacComputerScience
4. Complete the sample question booklets of past paper questions. Use the markscheme provided to self-assess and for hints.

What useful websites/resources could I use to help me prepare?

www.isaaccomputerscience.org
www.youtube.com/craigndave