



Subject	<b>Computer Science</b>		
Title/Topic	Format	Length	Date & Time
Paper 1 – Computer Systems	Written paper	50 minutes	Wed 1 March 9am – 9.50am (Amb)
Paper 2 – Problem Solving and Algorithms	Written paper	50 minutes	Wed 1 March 9.50am – 10.40am (Amb)

### This assessment will test my knowledge on...

#### Theory Content

1. CPU Architecture
2. Types of CPU
3. Memory and Storage
4. Operating Systems
5. Translators and code generation
6. Types of programming language
7. Compression, Hashing and Encryption
8. Databases

#### 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

Classes, attributes and methods.



### What should I do to revise and 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 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.youtube.com/craigndave](http://www.youtube.com/craigndave)