

IST EXAM



Exam Layout



- 3 Sections
- Section I
 - ▣ 10 Multiple Choice and 5 Definitions /15
- Section II
 - ▣ 2 Short Answer Questions /25
- Section III
 - ▣ 2 Long Answer Questions /20

Section I

- Programs (pg 332)
- GUI (pg 333)
- Difference between Arithmetic, Relational, Logic (pg 334)
- Algorithms (pg 335-336)
- Pseudocode (pg 336-337)
- Flowcharts (pg 337-338)
 - ▣ what do they look like?
 - ▣ what do they do?
- Functions (Videos)
- Variables [data types] (pg 334)

Section II Q1



□ GUI

- ▣ You will need to draw GUIs (bring pencil/rubber)
 - What makes a good GUI? (Powerpoints on wikispace)
- ▣ What's the difference between a GUI on a Computer screen and the difference on a phone.

Section II Q2



□ Algorithm

- ▣ You will be given an algorithm. You need to
 - Identify what different lines of code do
(pgs 340-344 + videos)
 - Work out what the whole program is doing and what the output will be (videos)

Section III



- Converting Pseudocode into Flowchart:
 - ▣ What symbols do you use?
 - ▣ Where do lines go?
- Converting Flowchart into Pseudocode:
 - ▣ What keywords do you use?
 - ▣ Where do indents go?