## Computing Overview 2022-2024.

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ble to use sition and in to nderstand problems able to read, lyse and igrams a high-level ning 5.1.3 be able t algorithms ts, de*) into able to use is (layout, on, s, il identifiers, ce) to make easier to erstand and
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Accoment	FOUL tosts MCO's	FOLL tasts MCO's	FOLL tosts MCO's		FOLL tests MCO's	for purpose and efficiency (number of compares, number of passes through a loop, use of memory)
Assessment				EOU tests MCQ s		EOU tests MCQ s
	6.2 Constructs	6.3 Data types and structures	6.4 Input/output	6.5 Operators	6.6 Subprograms	
Year II	6.2.1 understand the function of and be able to identify the structural components of programs (constants, variables, initialisation and assignment statements, command sequences, selection, repetition, iteration, data structures, subprograms, parameters, input/output) 6.2.2 be able to write programs that make appropriate use of sequencing, selection, repetition (count- controlled, condition- controlled), iteration (over every item in a data structure) and single entry/exit points from code blocks and subprograms	6.3.1 be able to write programs that make appropriate use of primitive data types (integer, real, Boolean, char) and one- and two- dimensional structured data types (string, array, record) 6.3.2 be able to write programs that make appropriate use of variables and constants 6.3.3 be able to write programs that manipulate strings (length, position, substrings, case conversion)	6.4.1 be able to write programs that accept and respond appropriately to user input 6.4.2 be able to write programs that read from and write to comma separated value text files 6.4.3 understand the need for and be able to write programs that implement validation (length check, presence check, range check, pattern check) 6.4.4 understand the need for and be able to write programs that implement authentication (ID and password, lookup)	6.5.1 be able to write programs that use arithmetic operators (addition, subtraction, division, multiplication, modulus, integer division, exponentiation) 6.5.2 be able to write programs that use relational operators (equal to, less than, greater than, not equal to, less than or equal to, greater than or equal to) 6.5.3 be able to write programs that use logical operators (AND, OR, NOT)	6.6.1 be able to write programs that use pre-existing (built-in, library) and user- devised subprograms (procedures, functions) 6.6.2 be able to write functions that may or may not take parameters but must return values, and procedures that may or may not take parameters but do not return values 6.6.3 understand the difference between and be able to write programs that make appropriate use of global and local variables	FACTA NON VERBA

Assessment	Exam Board Guidance	Exam Board Guidance	EOU tests MCQ's –	EOU tests MCQ's –	EOU tests MCQ's	
			Frogram notes	Frogram notes		

