

Computer Systems - PAPER 1

Computer Systems - PAPER 1	1.1 The characteristics of contemporary processors, input, output and storage devices			
	1.1.1 Structure and function of the processor	Difficulty	R	A
	1.1.2 Types of processor	H		
	1.1.3 Input, output and storage	M		
	1.2 Software and Software Development			
	1.2.1 Systems Software	E		
	1.2.2 Applications Generation	M		
	1.2.3 Software Development	M		
	1.2.4 Types of Programming Language	E		
	1.3 Exchanging data			
	1.3.1 Compression, Encryption and Hashing	M		
	1.3.2 Databases	M		
	1.3.3 Networks	H		
	1.3.4 Web Technologies	E		
1.4 Data types, Data structures and Algorithms				Difficulty
1.4.1 Data Types H				R
1.4.2 Data Structures (Array, List, Tuple, Stack, Queue, Linked List, Graph, Tree, Hash Table) H				A
1.4.3 Boolean Algebra H				G
1.5 Legal, moral, cultural and ethical issues				Difficulty
1.5.1 Computing related legislation H				R
1.5.2 Moral and ethical Issues				A
				G

Component 2 - Algorithms and Programming - PAPER 2

Algorithms and Programming - PAPER 2	Algorithms and Programming			
	2.1 Elements of computational thinking	Difficulty	R	A
	2.2 Programming Techniques	E		
	2.3 Algorithms	H		