A LEVEL COMPUTER SCIENCE

5 – Application generation (AS / A Level)

UNIT 1

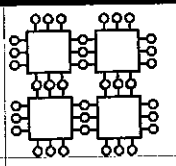
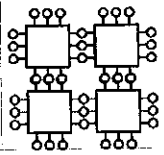
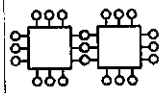
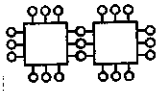
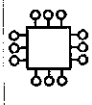
Specification Points / Learning Objectives:

Core text book page ref: 109-115

AS Level	A Level	Specification point description
1.2.2a	1.2.2a	The nature of applications, justifying suitable applications for a specific purpose
1.2.2b	1.2.2b	Utilities
1.2.2c	1.2.2c	Open source vs Closed source
1.2.2d	1.2.2d	Translators: interpreters, compilers and assemblers
	1.2.2e	Stages of compilation (Lexical analysis, Syntax analysis, Code generation and Optimisation)
	1.2.2f	Linkers and loaders and use of libraries

Expectations / Learning Outcomes:

- Terms 58-74 from your **A Level Key Terminology** PowerPoint should be included and underlined.
- You must include a clear comparison (e.g. in table form) of the Adv. & Dis. of open vs closed source.
- You must include a diagram that shows the relationship between the following terms: Translators, Interpreters, Compilers, Assemblers, Linkers, Loaders, Libraries, Immediate Code, Source Code, Machine Code, Object Code

Grade	TG.	Breadth	Depth	Presentation	Understanding
A/A*		ALL	**LINK / FORMULATE** Create, Generate, Hypothesis, Reflect, Theorise, Consider	 Quad Core	 Quad Core
B/C		MOST	**EXPLAIN / ANALYSE** Apply, Argue, Compare, Contrast, Criticise, Relate, Justify	 Dual Core	 Dual Core
D/E		SOME	**DESCRIBE / IDENTIFY** Name, Follow Simple Procedure, Combine, List, Outline	Single Core	 Single Core
U		FEW	Very little depth of understanding shown		

MY ASSESSMENT GRADE IN THIS TOPIC IS:

How To Improve:

My Response Is: (Set yourself specific targets / objectives as to how you will achieve your HTI)

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