


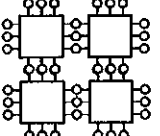
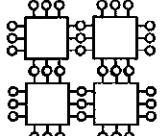

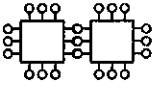
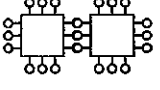




Specification Points / Learning Objectives:

Core text book page ref: 99, 230-234

| A Level | Specification point description                                    |
|---------|--|
| 1.3.1a  | Lossy vs Lossless compression                                      |
| 1.3.1b  | Run length encoding and dictionary coding for lossless compression |
| 1.3.1c  | Symmetric and asymmetric encryption                                |
| 1.3.1d  | Different uses of hashing  |

### Expectations / Learning Outcomes:

- Terms 107-113 from your **A Level Key Terminology** PowerPoint should be included and underlined.
- You must include a clear comparison of lossy vs. lossless compression.
- You must include a clear comparison of symmetric vs. asymmetric encryption.
- You must a section which clearly outlines the different uses of hashing.

| Grade   | TG. | Breadth | Depth   | Presentation   | Understanding   |
|---|-----|---------|---|--|---|
|  <b>A/A*</b> |     | ALL     | <b>LINK / FORMULATE</b><br>Create, Generate, Hypothesis, Reflect, Theorise, Consider    |  Quad Core    |  Quad Core    |
|  <b>B/C</b> |     | MOST    | <b>EXPLAIN / ANALYSE</b><br>Apply, Argue, Compare, Contrast, Criticise, Relate, Justify |  Dual Core   |  Dual Core   |
|  <b>D/E</b> |     | SOME    | <b>DESCRIBE / IDENTIFY</b><br>Name, Follow Simple Procedure, Combine, List, Outline     |  Single Core |  Single Core |
|  <b>U</b>   |     | 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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