**S3 Prelim Revision**

Topics to revise:

|  |  |
| --- | --- |
| **Hardware** | * Input Devices
* Output Devices
* Interfaces
 |
| **Biometrics** | * Fingerprint recognition
* Palm print recognition
* Face recognition
* Retina scanning
 |
| **Databases** | * Fields & Records
* Primary Key and Foreign Key
* Splitting a one table into two tables
* Anomalies: Insert, Update, Delete
* Sorting a table: Ascending and Descending
 |
| **Security Risks** | * Phishing
* Keylogging
 |
| **Security Precautions** | * Passwords
* Encryption
 |
| **Memory** | * RAM
* ROM
 |
| **Laws** | * Copyright, Designs & Patents Act
* Data Protection Act
* Computer Misuse Act
* Communications Act
* Health & Safety
 |
| **Computer Structure diagram** | * Input Devices
* Output Devices
* Main Memory
* Backing Storage
* Central Processing Unit (CPU)
 |
| **Processor** | * Control Unit
* Arithmetic & Logic Unit
* Registers
* Dual-core
* Quad-core
* Speed
 |
| **Buses** | * Address Bus
* Data Bus
 |
| **Storage Devices** | * Magnetic
* Optical
 |