## Overview

This is an aid to passing the ISEB intermediate Certificate based on the book Software Testing by Brian Hambling and Angelina Samaroo ISBN 978-1-906124-13-7. This is a pointer to things in the book to memorise and is not a summary of the book.

## Application Domains

PC-Based

Mainframe

Client-Server

Web-Based

## Development

V Life Cycle

Iterative Life Cycle

## Testing and Development

Object-Orientated Software

Software Reuse

COTS (Commercial Off The Shelf)

## Testing and Change

Debugging

Initial Testing

Confirmation Testing

Regression testing

## Reviews

|  |  |
| --- | --- |
| Planning | **Review Types** |
| Preparation | Walkthrough |
| Review Meeting | Technical Review |
| Rework and follow up | Inspection |
| IEEE 1028-1997 | Management Review |
|  | Informal Review |

## Testing and Risk

|  |  |
| --- | --- |
| Safety Risk | **Risk Identification** |
| Economic | Analysis |
| Security | Mitigation |
| Political | Monitoring |
| Technical |  |

## Test Management

Test Policy

Test Strategy Project 1

Project Test Plan

Level Test Plan

IEEE 829-19998

## Estimating Methods

Intuition-Based

Group Consensus

Metrics Based

Detailed work breakdown structure

Percentage of development effort

Test Point Analysis (TPA)

## Test Monitoring

Monitoring the Testing Project

Time and Cost

Quality

## Incident Management

|  |  |
| --- | --- |
| Recognition | Recording |
| Investigation | Classifying |
| Action | Identifying impact |
| Disposition |  |
| IEEE 1044 |  |

## Test Analysis and Design

Static Testing

Dynamic Testing and Analysis

Scripted

Unscripted