

| Manual Testing with Project |  |
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| SNo                         | Syllabus   |
| 1                           | µComputer  |
| 2                           | Use of µComputer                                     |
| 3                           | Software Applications                                |
| 4                           | Project / Product                                    |
| 5                           | Object and Type of Objects                           |
| 6                           | Operations of the object                             |
| 7                           | Testing  |
| 8                           | Purpose of Testing                                   |
| 9                           | Black Box Testing                                    |
| 10                          | White Box Testing                                    |
| 11                          | Gray Box Testing                                     |
| 12                          | SDLC (Software Development Life Cycle)               |
| 13                          | STLC (Software Testing Life Cycle)                   |
| 14                          | Levels of Testing                                    |
| 15                          | BRS / SRS / FRS                                      |
| 16                          | SDLC Models  |
| 17                          | CMMi Level Concepts                                  |
| 18                          | SCM Concepts (Software Configuration Management)     |
| 19                          | Folder Structure for Testing Project                 |
| 20                          | Verification & Validation Methods                    |
| 21                          | System Testing for Functionality & Non-functionality |
| 22                          | Roles & Responsibilities                             |
| 23                          | FRS / CR Management                                  |
| 24                          | Entry & Exit Criteria                                |
| 25                          | Templates  |
| 26                          | Test Plan  |
| 27                          | Test Scenarios                                       |
| 28                          | Test Cases   |
| 29                          | Test Case Techniques:                                |
| 30                          | a)ECP (Equivalent Class Partitioning)                |
| 31                          | b)BVA (Boundary Value Analysis)                      |
| 32                          | c)Decision Table                                     |
| 33                          | Concepts in Web based application                    |
| 34                          | Types of Web Defects                                 |
| 35                          | Build  |
| 36                          | Build Release Note                                   |
| 37                          | Implementation of STLC on Build                      |
| 38                          | STLC Process for a Project                           |
| 39                          | System Testing                                       |

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| 40 | a)Smoke Testing                                 |
| 41 | b)Sanity Testing                                |
| 42 | c)Retesting                                     |
| 43 | d)Regression Testing                            |
| 44 | d1)Automation Testing                           |
| 45 | f)Database Testing                              |
| 46 | g)Cross Browser Testing                         |
| 47 | e)Adhoc Testing                                 |
| 48 | Priority & Severity                             |
| 49 | Bug/Defect                                      |
| 50 | Bug/Defect Reporting by using Bug Tracking Tool |
| 51 | BLC /DLC(Bug/Defect Life Cycle)                 |
| 52 | Bug/Defect Status                               |
| 53 | Handling Invalid Bugs/Defects                   |
| 54 | Reports   |
| 55 | a)Daily Status Report                           |
| 56 | b)Weekly Status Report                          |
| 57 | c) Bugs Report                                  |
| 58 | d)Retesting Status Report                       |
| 59 | RTM (Requirements Traceability Matrix)          |