# Fundamental Test Process & Test Levels and Types

# Homework

1. Fill in the right term.

2. C \_ \_ \_ \_

3. P \_ \_ \_

4. O \_ \_ \_ \_ \_

1. H \_ \_ \_ \_ \_ \_

5. S \_ \_ \_ \_ \_ \_ \_

7. I \_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_

6. S \_ \_ \_ \_

1. Test …… is a collection of software and test data.
2. There are logical and concrete test **cases**.
3. The results from the planning activities should be documented in a test **plan**
4. To predict the test results you use test **oracle**
5. The main task of planning is to define test **strategy**
6. You group the test cases in a test **suite**
7. The quantity of tests and the test coverage determine the test **intensity**

*(7 positions X 1 point)* ***7 points***

1. Write down the test levels in correspondence with their level. Start with the basic test level at the bottom of the pyramid.

|  |  |
| --- | --- |
| Letter | Test Level |
| A | **Acceptance** |
| B | **System** |
| C | **Integration** |
| D | **Component** |

*(4 positions X 1 point)* ***4*** ***points***

1. Below we have some tasks for the testers in a department of a company. According to the activity described in the left column determine the type of the test they are going to perform.

|  |  |
| --- | --- |
| * Test Activity | * Test Type |
| * Open the main menu, go to Invoices and create new Invoice. Check if the invoice is visible in menu Invoice Journal. | * Functional |
| * Open the application and try logging in with invalid credentials. This test is going to be performed after each daily build. | * Regression |
| * Create a test for logging in the application with legal credentials. Create a test to find how many users can log in simultaneously in the system. | * Load/Stress |
| * Make the same test that revealed a bug before the last build. The developer set the issue to “fixed”. | * Re-test |
| * Create a unit test for the method AddItem of the class Order. | * Unit |
| * Open the test used before the last release for exercising the online help option and change the link to the current location of the help info. | * Mainterance |

*(6 positions X 1 point)* ***6 points***