# 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 …….
3. The results from the planning activities should be documented in a test…….
4. To predict the test results you use test …..
5. The main task of planning is to define test…..
6. You group the test cases in a test …..
7. The quantity of tests and the test coverage determine the test ….

*(7 positions X 5 point)* ***35 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 |  |
| B |  |
| C |  |
| D |  |

*(4 positions X 3 point)* ***12 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. |  |
| * Open the application and try logging in with invalid credentials. This test is going to be performed after each daily build. |  |
| * 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. |  |
| * Make the same test that revealed a bug before the last build. The developer set the issue to “fixed”. |  |
| * Create a unit test for the method AddItem of the class Order. |  |
| * 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. |  |

*(6 positions X 5 point)* ***30 points***

1. Write test cases for a car. You need to cover the different levels and types. Try to achieve a good test coverage.

***23 points***