The Testing Stage

**Questions:**

1. Summarise what the ‘**Testing**’ stage involves.

1. What is a **system module**?
2. List **3 examples** of **system modules**.



1. Explain what is meant by **re-testing**.
2. Explain what **test plan** is.

1. List **5 things** a good **test plan** should include.



1. What are the **4 types** of **testing data**?



1. For the **4 types** of test data, provide a description of what they mean

|  |  |
| --- | --- |
| **Test Data** | **Description** |
| **Normal** |  |
| **Extreme** |  |
| **Abnormal** |  |
| **Live Data** |  |

1. For the following scenario, state of how the system could be tested using each of the different types of test data:

**Scenario:**  
A spreadsheet is being used to log the results of a recent ICT test. The spreadsheet should accept any scores **between 0 and 100%.** Any other entries should be **rejected**.

|  |  |
| --- | --- |
| **Test Data** | **Examples** |
| **Normal** |  |
| **Extreme** |  |
| **Abnormal** |  |

1. Fill in the test plan below for the **same scenario** as described in **task 9**.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test no** | **Test Data** | **Type of test data** (normal, extreme, abnormal) | **Expected Outcome** | **Actual Outcome** |
| **1.** | **48%** |  |  |  |
| **2.** | **99%** |  |  |  |
| **3.** | **0%** |  |  |  |
| **4.** | **1%** |  |  |  |
| **5.** | **100%** |  |  |  |
| **6.** | **Fifty nine %** |  |  |  |

1. Explain what **integration testing** is.
2. Explain what **happens** during integration testing.