|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Substance: A** | | **Molecular formula**: | | |
| **INFORMATION GAINED FROM CHEMICAL TESTS AND OTHER OBSERVATIONS** | | | | |
| **Test #** | **Description of test / observation** | | | **Inferences** |
| 1 |  | | |  |
| 2 |  | | |  |
| 3 |  | | |  |
| 4 |  | | |  |
| 5 |  | | |  |
| **Name the functional group present** | | |  | |
| **Drawing and name of a possible structure that matches all data:** | | | | |

|  |  |  |
| --- | --- | --- |
| **Criteria** | | **Marks** |
| Clarity in logic | | \_\_\_ / 2 |
| Correct functional group | | \_\_\_ / 1 |
| Structure | | \_\_\_ / 1 |
| Name | | \_\_\_ / 1 |
| **Substance: B** | | **Molecular formula**: | | | | |
| **INFORMATION GAINED FROM CHEMICAL TESTS AND OTHER OBSERVATIONS** | | | | | | |
| **Test #** | **Description of test / observation** | | | | **Inferences** | |
| 1 |  | | | |  | |
| 2 |  | | | |  | |
| 3 |  | | | |  | |
| 4 |  | | | |  | |
| 5 |  | | | |  | |
| **Name the functional group present** | | |  | | | |
| **Drawing and name of a possible structure that matches all data:** | | | | | | |

|  |  |  |
| --- | --- | --- |
| **Criteria** | | **Marks** |
| Clarity in logic | | \_\_\_ / 2 |
| Correct functional group | | \_\_\_ / 1 |
| Structure | | \_\_\_ / 1 |
| Name | | \_\_\_ / 1 |
| **Substance: C** | | **Molecular formula**: | | | | |
| **INFORMATION GAINED FROM CHEMICAL TESTS AND OTHER OBSERVATIONS** | | | | | | |
| **Test #** | **Description of test / observation** | | | | **Inferences** | |
| 1 |  | | | |  | |
| 2 |  | | | |  | |
| 3 |  | | | |  | |
| 4 |  | | | |  | |
| 5 |  | | | |  | |
| **Name the functional group present** | | |  | | | |
| **Drawing and name of a possible structure that matches all data:** | | | | | | |

|  |  |  |
| --- | --- | --- |
| **Criteria** | | **Marks** |
| Clarity in logic | | \_\_\_ / 1 |
| Correct functional group | | \_\_\_ / 1 |
| Structure | | \_\_\_ / 1 |
| Name | | \_\_\_ / 1 |
| **Substance: D** | | **Molecular formula**: | | | | |
| **INFORMATION GAINED FROM CHEMICAL TESTS AND OTHER OBSERVATIONS** | | | | | | |
| **Test #** | **Description of test / observation** | | | | **Inferences** | |
| 1 |  | | | |  | |
| 2 |  | | | |  | |
| 3 |  | | | |  | |
| 4 |  | | | |  | |
| 5 |  | | | |  | |
| **Name the functional group present** | | |  | | | |
| **Drawing and name of a possible structure that matches all data:** | | | | | | |

|  |  |
| --- | --- |
| **Criteria** | **Marks** |
| Clarity in logic | \_\_\_ / 2 |
| Correct functional group | \_\_\_ / 1 |
| Structure | \_\_\_ / 1 |
| Name | \_\_\_ / 1 |