Cloud Chamber Post Lab Grade Sheet **Name: Period:**

**General**

* Filled out Headers
* Footer signed and dated
* Labeled Sections
* Adequate Spacing
* Professionalism/Care/Thought
* Extra sections included that were not asked for
* Other:

 **Observations/Data Tables**

* Missing either qualitative or
quantitative data
* No title on data tables
* Titles not descriptive
* Too small/squished/messy
* Observations lacking detail or content

|  |  |  |
| --- | --- | --- |
| **General** | 5 |  |
| **Obs/Data Tables** | 15 |  |
| **Discussion Qs** | 40 |  |
| ***Total*** | 60 |  |

**Discussion Questions**

* Questions copied from handout
* Questions not copied, but not paraphrased into your answer
* Missing Questions:

|  |  |  |
| --- | --- | --- |
| * Incorrect
	+ 1
	+ 2
	+ 3
	+ 4
	+ 5
	+ 6
 | * Insufficient
	+ 1
	+ 2
	+ 3
	+ 4
	+ 5
	+ 6
 | **1)**  Chart w/ $α, β, γ$ (mass, charge, symbol, penetrating power)**2)**  Labeled diagram of cloud chamber**3)**  Prediction chart (1, 2, 3, 4 – prediction and reasoning)**4)**  Two balanced nuclear equations (labeled with type of decay)**5)**  Explain why some tracks are shorter/longer/etc**6)**  Explain bubble chambers – similarity/difference/why better |

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