**C1S2 – States of Matter**

|  |  |
| --- | --- |
| Time (min) | Temp  OC |
| 0.0 | -20 |
| 0.5 | -11 |
| 1.0 | 0 |
| 1.5 | 0 |
| 2.0 | 0 |
| 2.5 | 0 |
| 3.0 | 9 |
| 3.5 | 18 |
| 4.0 | 26 |
| 4.5 | 34 |
| 5.0 | 42 |
| 5.5 | 51 |
| 6.0 | 58 |
| 6.5 | 65 |
| 7.0 | 71 |
| 7.5 | 77 |
| 8.0 | 83 |
| 8.5 | 88 |
| 9.0 | 92 |
| 9.5 | 98 |
| 10.0 | 100 |
| 10.5 | 100 |
| 11.0 | 100 |
| 11.5 | 100 |
| 12.0 | 100 |
| 12.5 | 100 |
| 13.0 | 100 |
| 13.5 | 100 |
| 14.0 | 100 |
| 14.5 | 100 |
| 15.0 | 100 |
| 15.5 | 100 |
| 16.0 | 100 |
| 16.5 | 100 |
| 17.0 | 100 |
| 17.5 | 100 |
| 18.0 | 100 |
| 18.5 | 100 |
| 19.0 | 100 |
| 19.5 | 100 |
| 20.0 | 100 |
| 20.5 | 100 |
| 21.0 | 100 |
| 21.5 | 100 |
| 22.0 | 100 |
| 22.5 | 100 |
| 23.0 | 100 |
| 23.5 | 100 |
| 24.0 | 100 |
| 24.5 | 108 |
|  |  |

1. Lab:

This is a virtual lab. Follow the instruction below to complete the lab report successfully.

1. First logon to [www.canva.com/graphs](http://www.canva.com/graphs)
2. then click ‘Create my graph now’.
3. Click ‘I know what graph I need’
4. Choose ‘Line Graph’ from the list of options
5. Pick a design of your choice
6. On the right side, click anywhere inside the graph and check whether you can the edit button with data for the x and y-axis (if the data tab does not open, please pick any other design)
7. Enter the following x and y – axis values (see below)
8. After completing the data, look at the shape of the graph and draw it in your note book. Do not forget to enter the labels in the x and y-axis.
9. Checking Up Q and A:

Please write the questions and answers.

1. Diagrams:

Please draw the following diagrams and label them. Use colors!!!

1. Page 28 – Heating curve of water diagram
2. Page 29 – States of matter diagram

1. Chem To Go:

Scroll down to page 32 and 33 and answer questions 1 through 6 (There is no need to write the question, just restate it).