Teacher Name: Class: Subject: Date:

 Zakia Amir 8 Science 9th Nov 2018

Q1: The graph below shows the heating curve of water. Use the graph to answer the following questions of water:



1. What is happening at point **A & B?**

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1. What is happening to the energy being absorbed from the heat source at point **A & B?**

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1. What phase change is taking place at point **A & B** respectivelyand Why**?**

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Q2: Give reasons for the following statements:

1. Mercury in a thermometer rise on heating and fall on cooling.

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1. you feel cooler once your perspiration evaporates.

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1. We must be careful when using a thermometer.

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Q3: Differentiate between heat and temperature.

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