**Please do not write on the test! Record answers on separate answer sheet.**

**Matter and Its Interactions Bellwork Quiz 2**

**Form B**

1. True or False: The difference between weight and mass is that weight always stays the same and mass changes depending on the force of gravity.
2. During our investigation on solubility, which substance(s) did the salt dissolve in?
   1. Water
   2. Oil
   3. Both
   4. None
3. When we record the mass of a substance in the lab, are we collecting qualitative or quantitative data?
   1. Qualitative
   2. Quantitative
4. Why does solid water (ice) float in liquid water?
   1. Solid water sinks in liquid water.
   2. The particles are packed tightly together.
   3. The particles are more spread out because they expand.
   4. Capillary action
5. Mass is…
   1. A measure of the pull of gravity on an object.
   2. A measure of the amount of matter an object is made of.
   3. A measure of the volume of an object.
   4. A measure of the height of an object.
6. True or False: Volume is a measure of the amount of space an object takes up.
7. What materials are used to measure volume?
   1. A scale
   2. A beaker
   3. A graduated cylinder
   4. A beaker and graduated cylinder
8. True or False: Air has weight.
9. Some objects are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ which means they dissolve in water.
   1. Magnetic
   2. Conductors
   3. Soluble
   4. Insulators
10. Weight is…
    1. A measure of the amount of matter an object is made of.
    2. A measure of the height of an object.
    3. A measure of the volume of an object.
    4. A measure of the pull of gravity on an object.
11. What is capillary action?
    1. The ability of water to travel up a narrow tube or porous material.
    2. The property of water that causes it to move from higher to lower concentration.
    3. The process that happens when water freezes.
    4. The ability of water to reach absolute zero.
12. True or False: An object with a higher density will float.