

## **PRE-LAB QUESTIONS - INTERMOLECULAR FORCES**

- 1) Draw the Lewis structure of water. Draw it the correct way! Draw it bent!
- 2) Look up and draw the structure for isopropyl alcohol
- 3) What is isopropyl alcohol used for?
- 4) What is a hydrocarbon?
- 5) Look up three types of simple hydrocarbons and draw their structures
- 6) Label the following as either polar or non-polar: water, isopropyl alcohol, hydrocarbons
- 7) Look up the structure for paraffin wax. Draw the structure.
- 8) Is paraffin wax covalent or ionic?
- 9) Is Sodium chloride covalent or ionic?
- 10) What types of intermolecular forces should each of the following have? Water, isopropyl alcohol, hydrocarbons

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