	nem 10123, Quiz 1 nuary 22, 2020	Name:	(Please Print)
1.	(3 points) Of the following substances, hexane and predominant intermolecular force is	_ the most soluble in water.	In this aqueous solution, the
	CH ₃ CH ₂ Br CH ₃ CH ₂ OH	CH ₃ OCH ₃	CH ₃ CH ₂ CH ₃
2.	(9 points) SHOW ALL WORK. Glycero non-volatile liquid that is very soluble in solution that is 29.0 % glycerol by mass. [1]	water. Determine the freezi	ing point (in °C) of a glycerol
3.	(2 points) is a good of mixed with water. In general, this type of a		ance that forms micelles when dispersion.

4. (6 points) **SHOW ALL WORK.** A solution containing 7.00 mg of hemoglobin in 5.00 mL of solution at 20.0 °C has an osmotic pressure of 0.380 torr. Determine the molar mass of hemoglobin.