

**ACS GEN CHEM 2 FINAL EXAM STUDY GUIDE WITH COMPLETE SOLUTIONS 100%**



Where is the hydrophilic (attracted to water) region of the molecule?

- (A) Region 1  
(B) Region 2  
(C) Region 3  
(D) The three regions are equally hydrophilic



5

Which molecule is most soluble in water?



A solution of NaCl in water has a concentration of 20.5% by mass. What is the molal concentration of the solution?

Molar Mass NaCl = 58.44 g/mol

- (A) 0.205 m  
(B) 0.258 m  
(C) 3.51 m  
(D) 4.41 m



What is the mole fraction of water in 200 g of 89% (by mass) ethanol,  $C_2H_5OH$ ?

Molar Mass  $\text{C}_2\text{H}_3\text{OH} = 46 \text{ g/mol}$

- (A) 0.11

# General Chemistry 2 Acs Study Guide

**LP Steffe**



## General Chemistry 2 Acs Study Guide:

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