

EXERCISE 13

Chem 100

(Due date _____)

10 points

Name _____

(last)

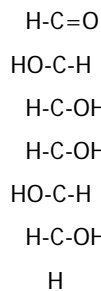
(first)

Lecture Section # _____ Instructor _____

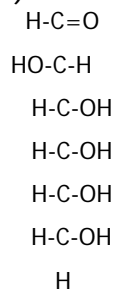
A. Write the correct word or letter in the blank at the right.

1. The term used for a large molecule that is hydrophobic on one end and hydrophilic on the other. 1. _____
2. Is the fatty acid $C_{19}H_{33}COOH$ **(A)** saturated or **(B)** unsaturated 2. _____
3. The name of the monosaccharide most commonly found in glycolipids. 3. _____
4. The name for the type of linkage between the amino acids in a polypeptide chain. 4. _____
5. The term used for a compound that can act both as an acid and a base. 5. _____
6. One of the amino alcohol groups in cephalins. 6. _____
7. The name of the polysaccharide used for carbohydrate storage in humans. 7. _____
8. The special name for the ether linkage between two monosaccharides in a disaccharide. 8. _____
9. The general name for a protein that acts as a catalyst. 9. _____
10. The name of the type of functional group that forms in a monosaccharide to give a closed ring. 10. _____
11. Which fatty acid would have a lower melting point?
(A) $C_{17}H_{31}COOH$ **(B)** $C_{17}H_{33}COOH$ 11. _____
12. The name of the monosaccharide found in the three polysaccharides, starch, glycogen, and cellulose. 12. _____
13. Which of the following is a D isomer? 13. _____

(A)



(B)



(over)

