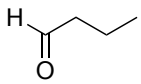
Pop Quiz 2-9-26. Name: _____ EID _____

1) Fill in the circle next to the statement that most accurately reflects your approach to this class.

◯ I am here primarily to get points on exams so I can get a good grade in this class.

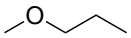
◯ I am here primarily to understand and learn Organic Chemistry because in the future I will need to know what I am understanding and learning now.

2) Among the following molecules, fill in appropriate circles to indicate which molecules contain acetals/cyclic acetals or hemiacetals/cyclic hemiacetals. The correct answer might have none, one or even two circles filled in.



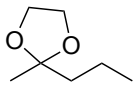
◯ An acetal or cyclic acetal

◯ A hemiacetal or cyclic hemiacetal



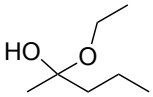
◯ An acetal or cyclic acetal

◯ A hemiacetal or cyclic hemiacetal



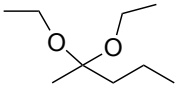
◯ An acetal or cyclic acetal

◯ A hemiacetal or cyclic hemiacetal



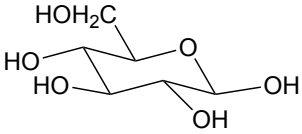
◯ An acetal or cyclic acetal

◯ A hemiacetal or cyclic hemiacetal



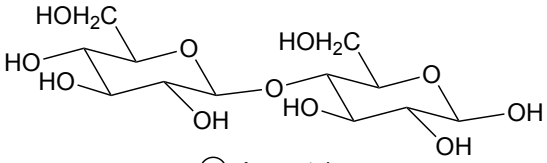
◯ An acetal or cyclic acetal

◯ A hemiacetal or cyclic hemiacetal



◯ An acetal or cyclic acetal

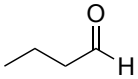
◯ A hemiacetal or cyclic hemiacetal



◯ An acetal or cyclic acetal

◯ A hemiacetal or cyclic hemiacetal

3) For reaction mechanisms we have seen already this semester, indicate which species is a nucleophile and which is an electrophile. To be correct, one circle will be filled in under each structure. These could also be acids or bases in some contexts, but we will ignore that for this problem.

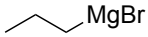


◯ A nucleophile

◯ An electrophile

◯ A nucleophile

◯ An electrophile



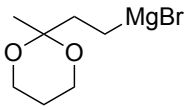
◯ A nucleophile

◯ An electrophile

Br_2

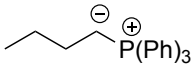
◯ A nucleophile

◯ An electrophile



◯ A nucleophile

◯ An electrophile



◯ A nucleophile

◯ An electrophile