

Name: _____ Dr. Reichler's Bio 325 Fall 2007 Quiz 10/26 (pre-exam #2)

- 1) What technique would allow you to determine in a few hours if some corn had been genetically modified with the Round-up resistance gene?

- 2) When preparing a eukaryotic gene for expression in bacteria, would you do PCR or reverse transcription first?

- 3) Would you be able to insert a gene cut with one restriction enzyme into a plasmid cut with a different restriction enzyme?

- 4) If you grew some transformed bacteria on X-gal, but forgot to put antibiotic, what color would you expect most of the bacteria to be?

- 5) How are bacteria used in the transformation of plants and animals?

- 6) Why would adding too much dideoxy nucleotide limit the number of nucleotides that you could sequence?