

Part VII. For the following questions refer to the diagrams of the *lac* operon below (from your book)

1. The diagram labeled A and the diagram labeled B show the *lac* operon under two different conditions. Which one (A or B) is repressed? (3 pts)

2. On the diagram labeled B, label the lac repressor, the inducer, RNA polymerase, mRNA and one ribosome. (2 pts each)

