Questions on Physics 10 Lecture: “What happened before the big bang?”
Anthony Aguana, 10/19/95

1. Name three pieces of evidence for the big bang cosmology (as opposed, say, to Einstein’s static universe or the steady-state cosmology).

2. I mentioned a number of possible answers to the question of what happened before the big bang: 1) There was a big crash, forming a cycle, 2) There was nothing, 3) The big bang itself was an event, 4) The big bang itself was an event because it is quantum mechanical, 5) There was a ‘parent’ universe giving birth to it, 6) There was an eternal period of inflation. Pick two of these and explain which you think might possibly be true. If you had to let $100 on one of your choices versus the other, which would you pick and why?