Astronomy 110
Quiz #06
Given: 02/01/2007

Name: (Answer Key)

Directions: Below is a multiple-choice question based on some of the material covered by the lectures thus far. Choose what you think to be the most correct response from the choices listed, **along with at least a one (1) sentence justification for your answer**. In the case of a question involving math, the calculation can serve as your justification. The question is worth 5 points: 2 for the letter response and 3 for the justification. The quiz is "open-book", so may consult your textbook and notes, but please work individually. No collaborating with your peers is permitted during the quiz.

WARNING: Please **DO NOT** copy material word for word from sources such as textbooks, a peer's notes, online references (i.e. Google or Wikipedia), etc in any responses to homework, quiz, or exam questions. Ideas should be expressed in your own words. Not only does this protect you from illegal acts of plagiarism and/or accusations of cheating, but it also aids your future studying by having ideas expressed in a way that you, personally, can best understand. If for some reason you MUST quote text from a source in your answer, properly reference your quote.

1. **Question:** An astronaut is floating within the international space station and needs to move a very massive box of supplies into a nearby module. He pushes hard against it. What will happen next?

A) Neither the astronaut nor the box will move.
B) The box will slowly move away while the astronaut remains stationary.
C) The box and the astronaut will begin to slowly move in the same direction.
D) The box will move slowly while the astronaut will move faster in the opposite direction.

Answer: D