

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:** You are jogging in Manoa Valley and you pass by a traffic light. You notice that from your point-of-view, the traffic light looks like its touching the tops of the mountains in the background. If you are jogging towards the west, in which direction will the traffic light seem to move with respect to the mountain-tops? (Hint: Drawing a small sketch may be helpful)
A) to the west
B) to the east
C) to the north
D) the traffic light will not move with respect to the mountains

Answer: B