

NAME: \_\_\_\_\_

Quiz 6

1. In the fed state (you've eaten 1-2 hours ago)
  - a. Is the [glucose] in your blood increasing or decreasing?
  - b. Is the [insulin] in your blood increasing or decreasing?
  - c. Is the [glucagon] in your blood increasing or decreasing?
  - d. Is the [cAMP] in your hepatocytes increasing or decreasing?
  - e. Is the activity of PP1 increasing or decreasing?
  - f. Is the activity of PKA increasing or decreasing?
  - g. Is the level of phosphorylation of hormonally-regulated metabolic enzyme increasing or decreasing?
  
2. In the fasting state (when you woke up this morning)
  - a. Is the [glucose] in your blood increasing or decreasing?
  - b. Is the [insulin] in your blood increasing or decreasing?
  - c. Is the [glucagon] in your blood increasing or decreasing?
  - d. Is the [cAMP] in your hepatocytes increasing or decreasing?
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