AP Biology Exam Monday, May 18th, 2020

This exam will be 2 questions covering material from Units 1-6. For question 1 you will have 25 minutes to read and respond to the question, and then have 5 minutes to upload your response. Question 1 is worth 65% of your exam score. On question 2 you will have 15 minutes to read and respond to the question, and then have 5 minutes to upload your response. Question 2 is worth 35% of your exam score.

Question 1: (25 minutes) Interpreting and Evaluating Experimental Results. *This question reflects FRQ 1 from past exams.* You will **not** be asked to construct a graph for question 1.

In question 1 you will be presented with an authentic scenario accompanied by a data table and/or graph. You will be asked to do the following:

Part A: *Describe* and *explain* biological concepts, processes, or models in an applied context.
Part B: *Identify* and *justify* experimental design procedures.
Part C: *Analyze* data.
Part D: *Make* and *justify* predictions.

Question 2: (15 minutes) Conceptual Analysis. *This question reflects FRQ 4 from past exams.*

In question 2 you will be presented with an authentic scenario describing a biological phenomenon with a disruption. You will be asked to do the following:

Part A: *Describe* biological concepts or processes in an applied context.
Part B: *Explain* biological concepts or processes in an applied context.
Part C: *Predict* the causes or effects of a change in a biological system.
Part D: *Support* or *justify* a claim with reasoning or evidence.

What the **task verbs** in these questions require you to do:

- **Describe:** Provide relevant characteristics of a specified topic.
- **Explain:** Provide information about how or why a relationship, process, pattern, position, situation, or outcome occurs, using evidence and/or reasoning to support or qualify a claim. Explain "how" typically requires analyzing the relationship, process, pattern, position, situation, or outcome; whereas explain "why" typically requires analysis of motivations or reasons for the relationship, process, pattern, position, situation, or outcome.
- **Identify:** Indicate or provide information about a specified topic, without elaboration or explanation.
- **Justify:** Provide evidence to support, qualify, or defend a claim, and/or provide reasoning to explain how that evidence supports or qualifies the claim.
- **Make a claim:** Make an assertion that is based on evidence or knowledge.
- **Predict:** Predict the causes or effects of a change in, or disruption to, one or more components in a relationship, pattern, process, or system.
- **Support a claim:** Provide reasoning to explain how evidence supports or qualifies a claim.
- ***Analyze:** To examine something in detail for the purposes of explanation or interpretation.

*Not one of the "task verbs" in the CED, but a command you will be asked to perform.