Name _____ **Period** _____

AP Biology **Date** _____

PHYLOGENY / CLASSIFICATION FRQ 2

Answers must be in essay form. Outline form is not acceptable. Labeled diagrams may be used to supplement discussion, but in no case will a diagram alone suffice. It is important that you read the question completely before you begin to write.

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1. Organisms differ from one another and yet share common characteristics.
   a. Select two kingdoms and briefly describe three characteristics used to distinguish between members of one kingdom and members of the other.
   b. Describe three characteristics (at least one molecular and one cellular) that members of these two kingdoms share.
   c. Propose an explanation for the existence of similarities and differences between the two kingdoms.