| Course Project: Scientific Summary | | |
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| **Criteria** | **Ratings** | **Pts** |
| This criterion is linked to a Learning OutcomeWriting and Organization  Demonstrate proper spelling. Show proper organizational flow from one paragraph to the next using the outline provided Provide proper references using APA style Formulate citations within the text using APA style Utilize appropriate legend references and descriptions for all images and figures provided in text. |  | 5 pts |
| This criterion is linked to a Learning OutcomeTitle and Abstract  Includes the animals and physiologic systems chosen, provide a discussion of at least one extinct animal, a dog, and one modern-day animal. Summarizes the course project in the abstract |  | 5 pts |
| This criterion is linked to a Learning OutcomeIntroduction  Identifies the anatomic regions of a dog and one other animal that is not extinct. Using more than two is acceptable. The same anatomic region should be discussed for each.  Identify the same anatomic region of an extinct animal that will be discussed.  Describe the function of the chosen anatomical region for each nonextinct animal. |  | 10 pts |
| This criterion is linked to a Learning OutcomeDescription of the Anatomic Structures Chosen  Describe the features of the anatomic systems of the chosen anatomic region. This should include the integument, major bones, major muscles, naming joints if applicable, major blood vessels and nerves that compose this structure.  State if any of the above structures are not present in the anatomic regions being discussed.   Expand the evolutionary history provided to help determine how chosen animals may or not be related to each other.  Describe if the structures discussed convey a specific unique adaptation for that animal. |  | 20 pts |
| This criterion is linked to a Learning OutcomeComparison of Similarities of Anatomical Structure  Blend the descriptions provided in the previous section.  Note similarities in structure and function.  Specifically characterizes the common morphologies of the animals chosen.   How do these specific morphologies allow a specific animal to interact with their environment? |  | 20 pts |
| This criterion is linked to a Learning OutcomeDiscussion of Differences between the Cosen Anatomical Systems  Describe all significant differences. These differences should include size and morphology of bones, muscles, blood vessels and other components of the chosen anatomic region |  | 20 pts |
| This criterion is linked to a Learning OutcomeLink the Similarities and Differences of Anatomical Structure with Function  Delineate specific relationships of anatomical structure with function of the chosen anatomic region.  Examples of these relationships may include physical activities such as running or flight or it may include essential physiological functions such as digestion or cardiovascular activity.  Describe how the specific anatomy affects the function of the chosen system. |  | 10 pts |
| This criterion is linked to a Learning OutcomeConclusion  Summarize the paper.  Describe why the animals in this paper were chosen. |  | 10 pts |
| Total Points: 100 | | |

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