



## **Biology 1 Item Types and Descriptions**

The test consists of machine scored items including selected response, evidence-based selected-response, technology-enhanced, and technology-enhanced constructed-response. All items are worth 1 score point.

**Selected-Response:** Students are presented with an item and four possible answer options. Students demonstrate their knowledge by selecting the one correct answer.

**Multi-Select:** Students are presented with an item and 5-6 possible answers options. Students demonstrate their knowledge by selecting all the correct answers and only the correct answers. The number of correct answers is identified in the body of the prompt or question.

**Evidence-Based Selected Response (EBSR):** EBSR items have two parts. Part A requires a student to select the correct argument/claim based on given information. Part B requires students to select the correct evidence or reasoning that supports the correct argument/claim selected in Part A. To receive one score point for a correct response, students must answer both parts of the item correctly.

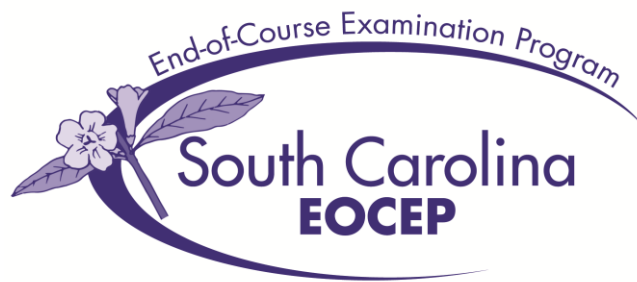
### **Technology Enhanced Items:**

Drag and Drop: Students demonstrate their knowledge by clicking on selectable objects and sorting them into groups, steps, or other arrangements. For example, students may be required to construct or complete a model, or to complete a list of statements based on a given scenario.

Hot Spot: Students interact with selectable objects to demonstrate their knowledge, skills, and abilities to answer a question. Selectable objects include whole or parts of figures, graphs, tables, verbal descriptions, or symbolic representations.

Highlighting: Students demonstrate their knowledge by highlighting selected words, phrases, or sentences in a paragraph to provide evidence or information to answer a question.

Match Interaction Table: Students are presented with a matrix consisting of science formulas or statements across the columns and rows. Students demonstrate their knowledge by selecting one or more correct answers per row to associate correct statements in the matrix.



**Technology-Enhanced Constructed Response Items:**

Bar Graph Response – Students are presented with an item. The students demonstrate their knowledge by constructing a bar graph based on given data or evidence.

Numerical Response – Students are presented with an item. The students demonstrate their knowledge by providing a numerical answer to the item.

Tabular response – Students are given an item with a blank or partially filled table or matrix. The students demonstrate their knowledge by constructing the rest of the table to answer the item.