

# Free Response Essay

## Obstacles Overcome by Land Plants

Suggested time: 22 minutes

Start time: \_\_\_\_\_ End time: \_\_\_\_\_ Total time used: \_\_\_\_\_

Directions: Answer all questions. 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 each question completely before you begin to write.

Before writing your free response essay, use the table below to organize your thoughts and list detailed scientific evidence to support each point. After the chart is complete, write your essay using supported sentences that answer both parts of the question.

Question: Describe some of the major obstacles that photosynthetic organisms had to deal with in order to move onto land. Name the four major groups that moved onto land and explain in detail how each of these groups overcame the aforementioned obstacles.

Major Plant Phyla	Obstacle:	Obstacle:	Obstacle: