Name			

Date \_\_\_\_\_

During the lesson, you may use the spaces on this sheet to write notes and record any information you think might be useful, in addition to answering the questions, below. One extra mark is given for writing in full sentences, throughout. Notes: \_ Give the word equation for photosynthesis. (1 mark) What is a limiting factor? Name the three main limiting factors of photosynthesis. (1 mark) Describe the effect on rate of photosynthesis, as light intensity, carbon dioxide concentration or temperature increases. Suggest possible explanations for the effects shown in each graph. (6 marks: 2 marks per graph) Rate of photosynthesis Light intensity Rate of photosynthesis Carbon dioxide concentration Rate of photosynthesis **Temperature** Suggest what might happen to the rate of photosynthesis if light intensity and carbon dioxide concentration were increased to maximum levels and the temperature was maintained at its optimum. (1 mark)