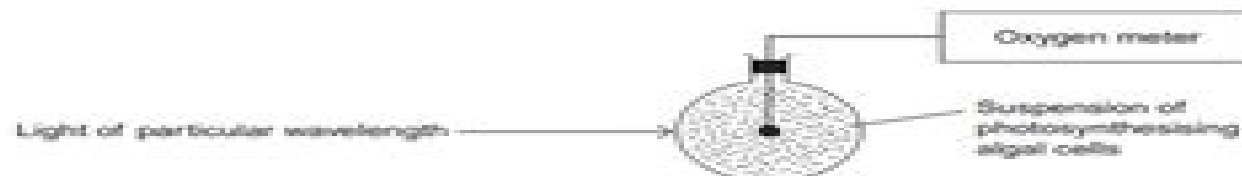


Exam questions

1. A Level Biology, AQA, Unit 4, June 2015

- 5 A student investigated the effect of different wavelengths of light on the rate of photosynthesis. She used the apparatus shown in Figure 4.

Figure 4



- 5 (a) What measurements should the student have taken to determine the rate of photosynthesis? [1 mark]

.....
.....

- 5 (b) Other than temperature and pH, give two factors which should be kept constant during this investigation. [2 marks]

1
2

- 5 (c) The student did **not** use a buffer to maintain the pH of the solution. Explain what would happen to the pH of the solution during this investigation. [2 marks]

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