For questions 29 to 41, write your answers in this booklet. :  
The number of marks avallable is shown in the brackets [ ] at the end of each question  
or part question. | (44 marks)

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l , .  
29. Mary carried. out an experiment to find out whether light is needed for  
photosynthesis. :

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a, , black cover  
a! St re!  
i Cheer . Rissraes  
Plant —— gape, ane  
| LS tl  
set-up 7 set-up 2

a (a) What is the purpose of set-up 1?

4]

(b) Based on her experiment, how can Mary confirm that light is needed for  
photosynthesis? : (2]

{ an .

(c) Whats produced during photosynthesis that is needed by the plant ? [1]

EEE

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