

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Photosynthesis Reaction Questions

Name:

M M E

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Total Marks: /21

Q1: Give a definition of photosynthesis.

(1 mark)

Q2: What cell component takes in light from the environment?

(1 mark)

Q3: What by-product of photosynthesis do animals use?

(1 mark)

Q4: State the word equation for photosynthesis.

(2 marks)

Q5: How do plants store excess glucose?

(1 mark)

Q6: Photosynthesis is an exothermic reaction. Explain what this means.

(1 mark)

Q7: Discuss how a leaf is adapted to maximise photosynthesis.

(5 marks)

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Q8: How are algae adapted to photosynthesise in water?

_____ (1 mark)

Q9: Explain how the presence of starch can be detected in plants.

_____ (2 marks)

Q10: Design an experiment; students can use to show a plant is photosynthesising.

_____ (6 marks)