

(The role of volcanoes, oceans, photosynthesis)

Q1. a). (2020)

This question is about algae.

A student:

- placed algae in water containing dissolved carbon dioxide
- shone bright light on the algae.

Gas bubbles were collected as the algae photosynthesised.

Describe a test that would identify the gas collected.

Give the result of the test.

[2 marks]

Test _____

Result _____

Q1. b). (2020)

Glucose is produced when algae photosynthesise.

Name **two** naturally occurring polymers produced from glucose.

[2 marks]

_____ and _____