

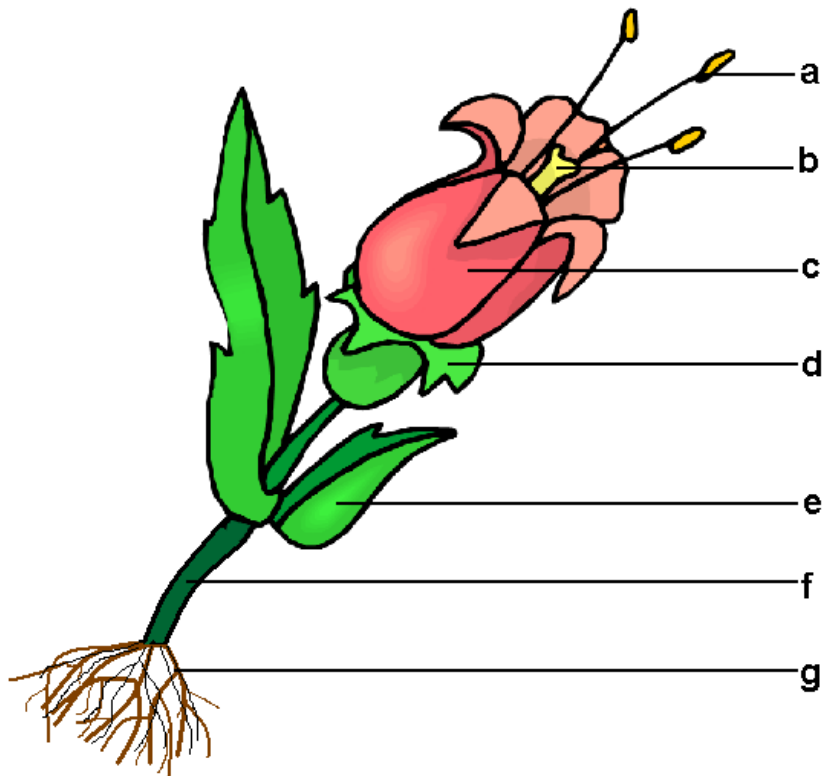
Grade 7 Natural Science Worksheet

Assessment Task: Botony: plants

Parts of a plant

Part One: Label the diagram

Provide labels for the following diagram:



[14]

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Part Two: What would happen if one part is missing?

What would happen to the plant if it didn't have one of the parts you labelled in Part One?

a:

b:

c:

d:

e:

f:

g:

[21]

Part Three: Write a paragraph

Write a short paragraph describing three things that plants need from the environment in order to survive.

[9]

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Suggested Solutions

Question number	Possible marks	Solution
1	14	<ul style="list-style-type: none"> a. Stamen b. Pistil c. Petal d. Sepal e. Leaf f. Stem g. Root
2	21	<ul style="list-style-type: none"> a. No pollen produced, no seeds made, no new plants. b. No ovules produced, no seeds, no new plants. c. Plant cannot attract insects/birds/pollinators, no pollination, no new plants. d. No protection of bud/flower. e. No photosynthesis, no food for plant, plant dies. f. No support above ground, plant not get enough sunlight, plant dies. g. No uptake of water and minerals, plant will die.
3	9	<p>Water, light, carbon dioxide – for photosynthesis.</p> <p>Assess paragraphs in terms of how the learners describe the needs of the plant as being met by the environment.</p>