

Photosynthesis and Respiration Test

CHOOSE ONLY A, B, C OR D

QUESTION 1:

1.1) A certain plant undergoes photosynthesis. Which of the options is necessary for photosynthesis to take place?

- A.) CO
- B.) Ground.
- C.) Water.
- D.) Wind.

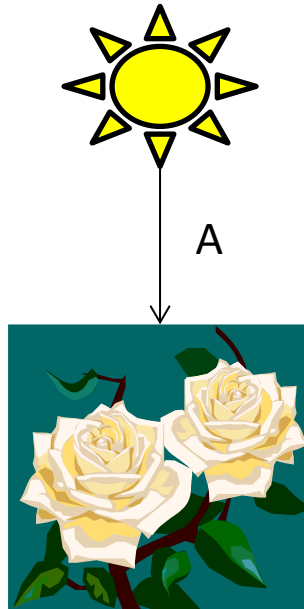
(2)

1.2) The products of photosynthesis are:

- A.) Water and glucose.
- B.) Glucose and oxygen.
- C.) Carbon dioxide and water.
- D.) Glucose and carbon dioxide.

(2)

1.3) The diagram represents the process of photosynthesis. Caption A is:



- A.) Oxygen.
- B.) Radiant energy.
- C.) Glucose.
- D.) Water

(2)

1.4) Plants take up carbon dioxide and release oxygen through their stomata. This process is:

- A.) Respiration.
- B.) Gas exchange.
- C.) Photosynthesis.
- D.) None of the above.

(2)

1.5) A saprophyte is a plant that survives on:

- A.) Fertilizer.
- B.) Dead organic tissue.
- C.) Living organic tissue.
- D.) None of the above.

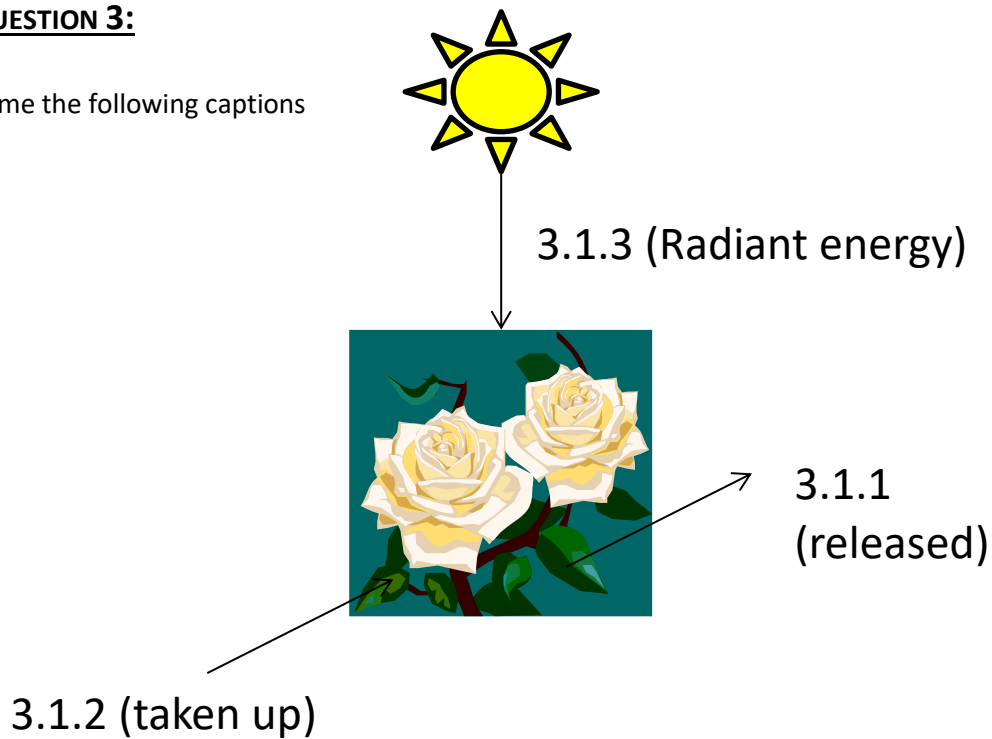
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QUESTION 2:

- 2.1) Define the term Respiration. (2)
- 2.2) Shortly describe the two types of respiration. (4)
- 2.3) Glucose ($C_6H_{12}O_6$) reacts with oxygen and forms three products. Name these products. (3)
- 2.4) Distinguish between photosynthesis and respiration with at least two differences. (4)

QUESTION 3:

Name the following captions



(3)