Biochemistry in Nature

Biochemistry · Answer Key · 4 Questions

1. Which green pigment in plant cells absorbs sunlight to carry out photosynthesis?

A) Chlorophyll
B) Hemoglobin
C) Melanin
D) Carotene

2. Which enzyme is responsible for the light-producing biochemical reaction in fireflies?

A) Amylase
B) Luciferase
C) Insulin
D) Lactase

3. What structural carbohydrate forms the tough outer shell (exoskeleton) of insects and crabs?

A) Starch
B) Glycogen
C) Chitin
D) Sucrose

4. What iron-containing protein gives mammalian blood its red color and transports oxygen?

A) Hemocyanin
B) Hemoglobin
C) Myoglobin
D) Fibrin

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