

2PTS

1. Which organelle is responsible for cellular respiration?

- a) Nucleus
- b) Mitochondria
- c) Golgi apparatus

2. Who coined the term "cell" after observing cork under a microscope?

- a) Robert Hooke
- b) Antonie van Leeuwenhoek
- c) Louis Pasteur

3. Which type of cell lacks a nucleus?

- a) Prokaryotic
- b) Eukaryotic
- c) Plant cell

4. What technique is used for effective reading and comprehension?

- a) SQ3R
- b) PCR
- c) MRI

5. The technique SQ3R stands for:

- a) Scan, Question, 3Reread, Review
- b) Survey, Question, Read, Recite, Review
- c) Search, Question, Read, Remember, Recall

6. Which organelle is responsible for protein synthesis?

- a) Ribosome
- b) Endoplasmic reticulum
- c) Lysosome

7. What is the main function of the Golgi apparatus?

- a) Synthesizing lipids
- b) Modifying and sorting proteins
- c) Storing genetic material

8. What is typically included in the abstract of a scientific article?

- a) Detailed methods
- b) Results and conclusions
- c) Introduction and background information

Grammar Section: 1PT

Identify the type of each sentence

1. "Plants use chlorophyll to absorb sunlight and convert it into chemical energy."

SIMPLE

2. "Although photosynthesis primarily occurs in chloroplasts, some bacteria also perform this process."

COMPLEX

3. "The Calvin cycle, which takes place in the stroma, is responsible for producing glucose."

SIMPLE

4. "Algae, like plants, utilize photosynthesis for energy production."

SIMPLE

