
BTEC Applied Science Unit 1 Biology

Describe the function of the nucleolus - answer Produces ribosomes and RNA

Describe the function of the cell wall - answer Provides rigidity and protection to the cell

Describe the function of the chloroplasts - answer Site of photosynthesis as they contain chlorophyll

Describe the function of the plasmodesmata - answer A channel through the cell wall the allows transport of materials from one cell to another

Describe the function of the amyoplasts - answer Stores starch and converts starch back into glucose when the plant needs energy

Describe the function of the vacuole - answer Stores water and chemicals for cell use. Also maintains turgor of cell

Describe the function of the tonoplasts - answer Membrane the surrounds the vacuole. Protects the vacuole, isolates it from harmful substances and controls water flow in and out of the vacuole

Why are gram positive bacteria more susceptible to antibiotics? - answer Permeable cell wall whereas gram negative bacteria has a semi-permeable cell wall

Describe the adaptations found in a palisade cell - answer Closely packed together
Chloroplasts
Large vacuole

Explain why the palisade cell has a large amount of chloroplasts - answer To absorb lots of light for photosynthesis

Explain why palisade cells are closely packed together - answer To form a continuous layer in the leaf

Explain why palisade cells have a large vacuole - answer To maintain turgor (pushes against the cell wall to maintain rigid shape)

Describe the adaptations of a root hair cell - answer Root hair shape
Large vacuole
Thin cellulose walls

Answers For Biology Science Unit Lesson

Marco Cascella



Answers For Biology Science Unit Lesson :

Unveiling the Magic of Words: A Review of "**Answers For Biology Science Unit Lesson** "

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Answers For Biology Science Unit Lesson** ," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve into the book's central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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