

- 1 In a photomicrograph of magnification $\times 5000$, a chloroplast measures 25 mm in diameter.

What is the actual diameter of the chloroplast?

- A** 0.2 μm **B** 0.5 μm **C** 2 μm **D** 5 μm

- 2 What is a function of Golgi bodies?

- A** formation of vesicles for endocytosis
B modification of proteins for secretion
C synthesis of ATP
D synthesis of polypeptides

- 1 Which structures are visible in an appropriately stained plant cell using a high power ($\times 400$) light microscope?

	centrioles	mitochondria	starch grains
A	✓	x	✓
B	✓	x	x
C	x	✓	x
D	x	✓	✓

key

✓ = visible

x = not visible