

# **Smart Edu Hub / Smart Exam Resources**

9700 / CAIE A level Biology / Paper-1/ Multiple Choice  
Questions

## **1.2.15-Chloroplasts-Set-1-qp**

Total Questions: 6

# Questions

## Question 1:

Which cell structures produce ATP?

- 1 chloroplasts
- 2 mitochondria
- 3 nucleus

**A** 1, 2 and 3      **B** 1 and 2 only      **C** 1 and 3 only      **D** 2 and 3 only

## Question 2:

Which size of ribosome is found in chloroplasts?

**A** 60S      **B** 70S      **C** 80S      **D** 90S

## Question 3:

Which statements are correct for a green plant?

- 1 ATP is produced by mitochondria.
- 2 ATP is produced by chloroplasts.
- 3 ATP forms part of the DNA.

**A** 1, 2 and 3      **B** 1 and 2 only      **C** 1 and 3 only      **D** 2 and 3 only

## Questions (Continued)

### Question 4:

Which cell components contain mRNA?

- 1 chloroplast
- 2 mitochondrion
- 3 nucleus
- 4 rough endoplasmic reticulum

- A 1, 2, 3 and 4
- B 1, 2 and 3 only
- C 2, 3 and 4 only
- D 3 and 4 only

## Questions (Continued)

### Question 5:

Which cell components contain ribosomes?

- 1 chloroplast
- 2 mitochondrion
- 3 nucleus
- 4 cytoplasm

- A 1, 2, 3 and 4
- B 1, 2 and 3 only
- C 1 and 2 only
- D 3 and 4 only

### Question 6:

Which of the cell organelles, when appropriately stained, will be clearly visible under the high power ( $\times 400$ ) of the light microscope?

	lysosomes	endoplasmic reticulum	mitochondria	chloroplasts
A	✓	✓	x	x
B	✓	x	✓	x
C	x	✓	✓	✓
D	x	x	x	✓

key

✓ = visible

x = not visible