

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	✓	✓	✗	✗	key
B	✓	✗	✓	✗	✓ = visible
C	✗	✓	✓	✓	✗ = not visible
D	✗	✗	✗	✓	