

## Transport in plants – 2020 IGCSE 0610

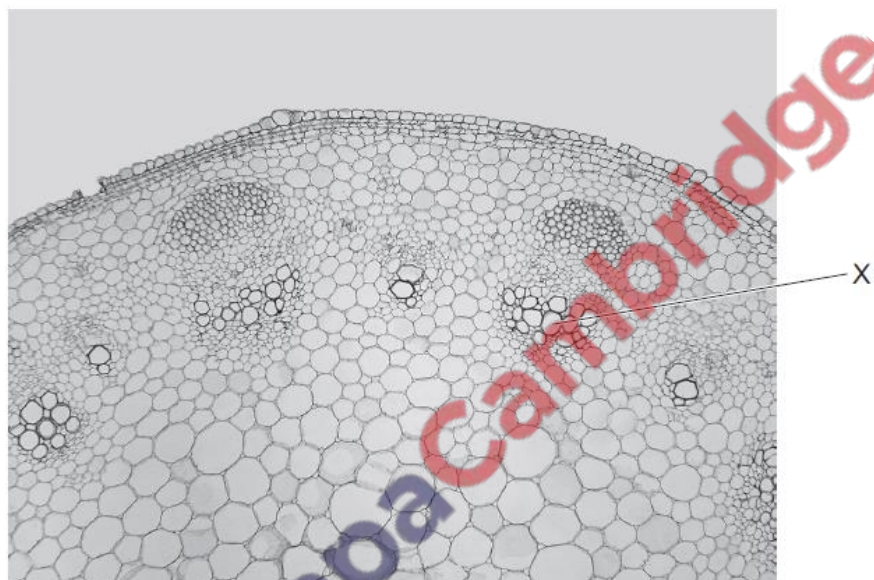
1. Nov/2020/Paper\_11/No.17

In which order does water pass through these structures in a plant?

- A mesophyll → root hair → xylem
- B mesophyll → xylem → root hair
- C root hair → mesophyll → xylem
- D root hair → xylem → mesophyll

2. Nov/2020/Paper\_11/No.18

The photomicrograph shows a cross-section through a plant stem.



What is the name and function of the tissue labelled X?

	tissue	function
A	phloem	transports sugars
B	phloem	transports water and minerals
C	xylem	transports sugars
D	xylem	transports water and minerals

3. Nov/2020/Paper\_12/No.5

Which type of cell transports oxygen?

- A ciliated
- B nerve
- C palisade mesophyll
- D red blood

4. Nov/2020/Paper\_12/No.18

What is a function of phloem?

- A transports minerals to the roots
- B transports starch to the roots
- C transports sugar to the roots
- D transports water to the roots

5. Nov/2020/Paper\_12/No.17

In which order does water pass through these structures in a plant?

- A mesophyll → root hair → xylem
- B mesophyll → xylem → root hair
- C root hair → mesophyll → xylem
- D root hair → xylem → mesophyll

6. Nov/2020/Paper\_13/No.17

In which order does water pass through these structures in a plant?

- A mesophyll → root hair → xylem
- B mesophyll → xylem → root hair
- C root hair → mesophyll → xylem
- D root hair → xylem → mesophyll

7. Nov/2020/Paper\_13/No.18

A decrease in which factor normally causes the transpiration rate to increase?

- A humidity
- B light intensity
- C number of stomata
- D temperature

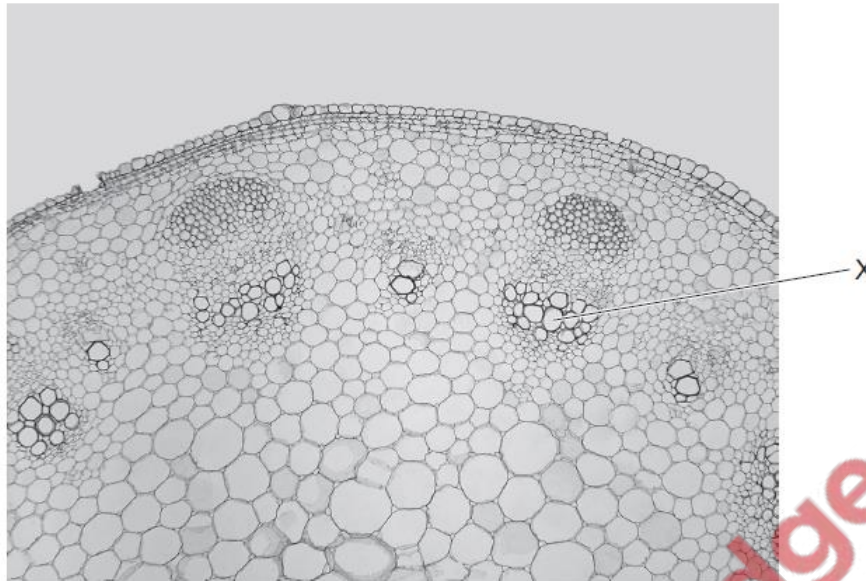
8. Nov/2020/Paper\_21/No.15

In which order does water pass through these structures in a plant?

- A mesophyll → root hair → xylem
- B mesophyll → xylem → root hair
- C root hair → mesophyll → xylem
- D root hair → xylem → mesophyll

9. Nov/2020/Paper\_21/No.16

The photomicrograph shows a cross-section through a plant stem.



What is the name and function of the tissue labelled X?

	tissue	function
A	phloem	transports sugars
B	phloem	transports water and minerals
C	xylem	transports sugars
D	xylem	transports water and minerals

10. Nov/2020/Paper\_22/No.15

In which order does water pass through these structures in a plant?

- A mesophyll → root hair → xylem
- B mesophyll → xylem → root hair
- C root hair → mesophyll → xylem
- D root hair → xylem → mesophyll

11. Nov/2020/Paper\_22/No.16

What is a function of phloem?

- A transports minerals to the roots
- B transports starch to the roots
- C transports sugar to the roots
- D transports water to the roots

12. Nov/2020/Paper\_23/No.15

In which order does water pass through these structures in a plant?

- A mesophyll → root hair → xylem
- B mesophyll → xylem → root hair
- C root hair → mesophyll → xylem
- D root hair → xylem → mesophyll

13. Nov/2020/Paper\_23/No.16

A decrease in which factor normally causes the transpiration rate to increase?

- A humidity
- B light intensity
- C number of stomata
- D temperature

