

6 The photograph shows kenaf plants growing on a farm in Nigeria.



(Source: © Design Pics Inc/Alamy Stock Photo)

Kenaf is grown mainly in parts of Africa and southern Asia.

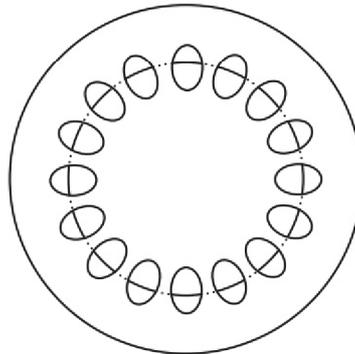
Fibres from the stems of these plants are used to make paper.

Fibres are obtained from the xylem and the phloem.

(a) (i) The diagram shows a transverse section through the stem of a plant.

Label the diagram to show the position of the xylem and the phloem.

(1)



(ii) Below are some statements about xylem and phloem.

- both tissues have a transport function
- xylem vessels contain sieve plates
- phloem transports polysaccharides
- xylem vessels can transport substances in both directions

How many of these statements are correct?

(1)

- A 1
- B 2
- C 3
- D 4