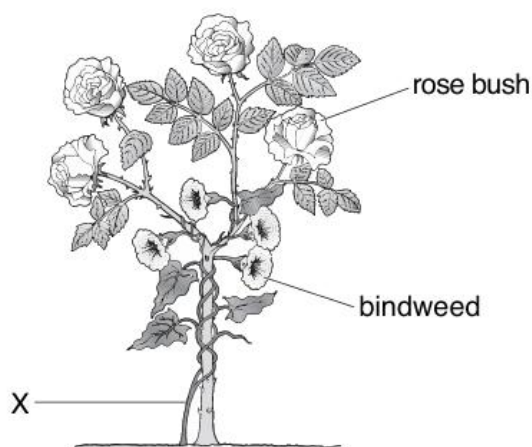


2. Bindweed is a plant that grows tightly around other plants.
The drawing below shows bindweed growing around a rose bush.



- (a) Complete the sentences below. Choose from the words in the list.

air light support water minerals

- (i) Bindweed grows as high as possible on the rose bush so that the
bindweed can get as much _____ as possible.
- (ii) Bindweed grows around the rose bush because the rose bush
provides _____ for the bindweed.
- (b) A gardener cut through the stem of the bindweed at X.
Two days later the bindweed above X was dead.

Why did the bindweed die?
Tick the correct box.

no air

☐

no light

☐

no warmth

☐

no water

☐

- (c) The gardener adds fertiliser to the soil to help her rose bushes to grow well.

What do plants get from the fertiliser?
Tick the correct box.

acids

☐

minerals

☐

sugars

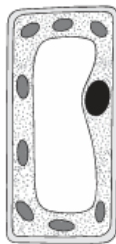
☐

vitamins

☐

- (d) Plant roots have root hairs.

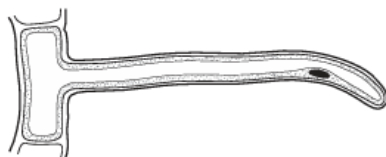
Which diagram shows a root hair?
Tick the correct box.



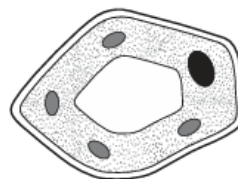
A

☐

B

☐

C

☐

D

☐

not to scale

maximum 5 marks