

Name:

Class:



Which feature of a human is controlled by genes only?

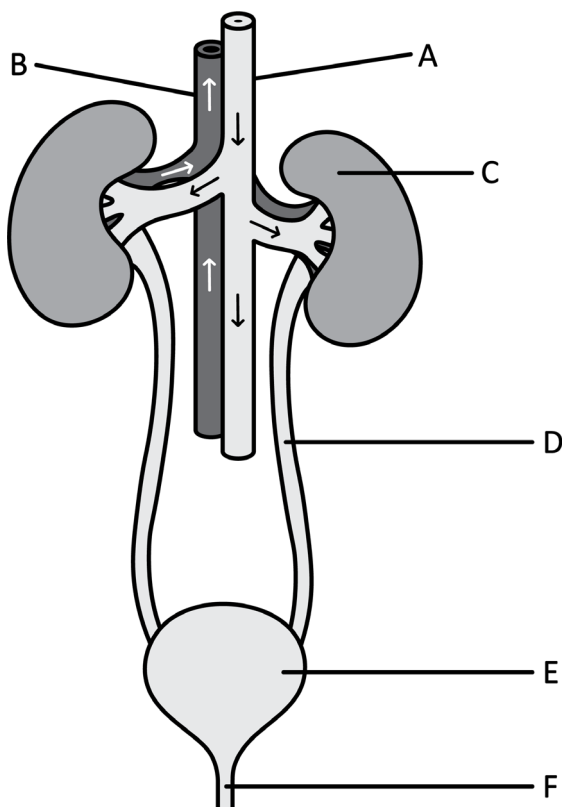
- A** Age of death
- B** Blood group
- C** Dietary deficiency disease
- D** Lung cancer

A dominant allele:

- A** Causes only harmful characteristics
- B** Is responsible for male characteristics
- C** Never undergoes mutation
- D** Produces the same phenotype in heterozygotes

The figure below shows the excretory system in a human male.

i. Identify the structures labelled below.



A = ...

B = ...

C = ...

D = ...

E = ...

F = ...

ii. Where does the process of ultrafiltration take place?

.....

iii. How is glucose reabsorbed in the proximal convoluted tubule?

.....

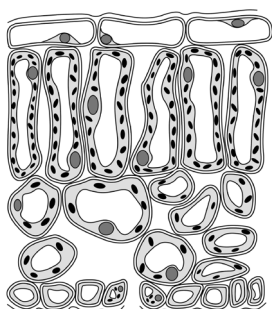
Urine contains urea.
State where urea is produced in the body.

.....

Name the substance which is broken down to produce urea.

.....

The figure below shows a section through part of a leaf.



On the figure:

- i. Label a line to identify one guard cell and label it, G.
- ii. Label a line to identify one of the stomata and label it, S.
- iii. State one function of stomata.

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