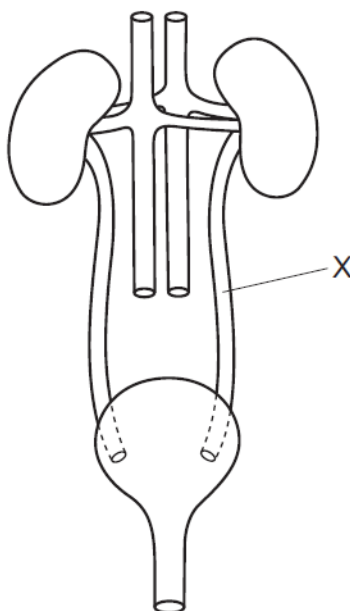


Excretion in humans – 2021 IGCSE 0610**1. Nov/2021/Paper_11/No.25**

The diagram shows part of the excretory system of a female mammal.



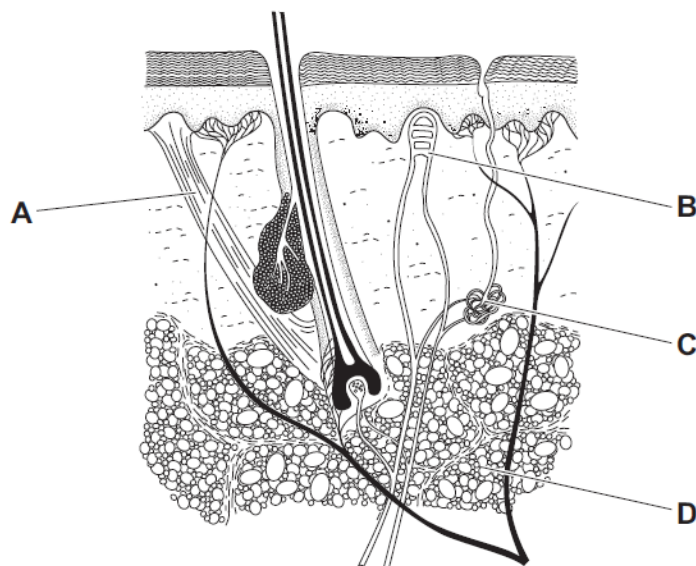
What is tube X?

- A** ureter
- B** urethra
- C** uterus
- D** vein

2. Nov/2021/Paper_11/No.27

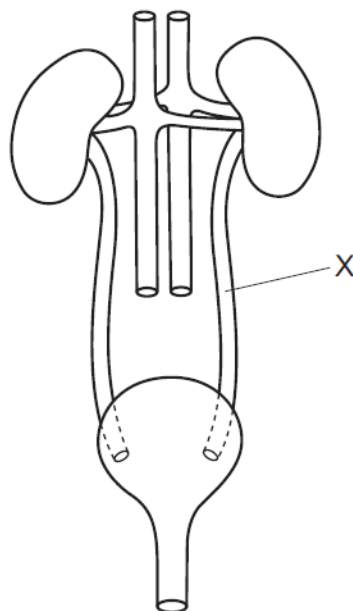
The diagram shows a section through the skin.

Which labelled part is a hair erector muscle?



3. Nov/2021/Paper_12/No.25

The diagram shows part of the excretory system of a female mammal.

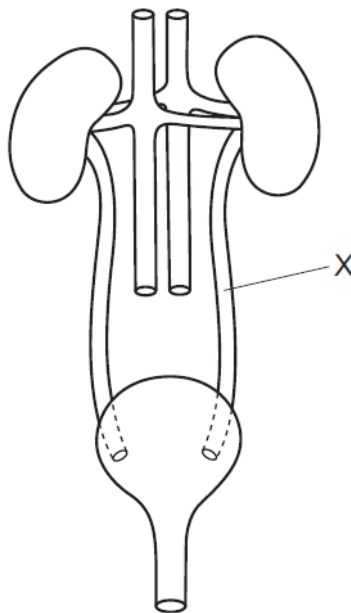


What is tube X?

- A** ureter
- B** urethra
- C** uterus
- D** vein

4. Nov/2021/Paper_13/No.25

The diagram shows part of the excretory system of a female mammal.

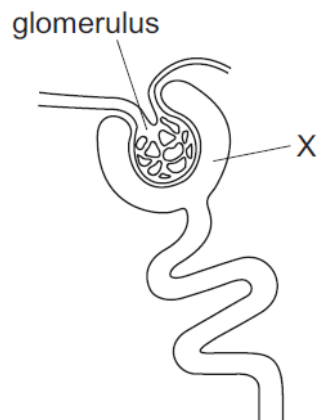


What is tube X?

- A** ureter
- B** urethra
- C** uterus
- D** vein

5. Nov/2021/Paper_21/No.23

The diagram shows the structure of part of a kidney tubule and associated blood vessels.

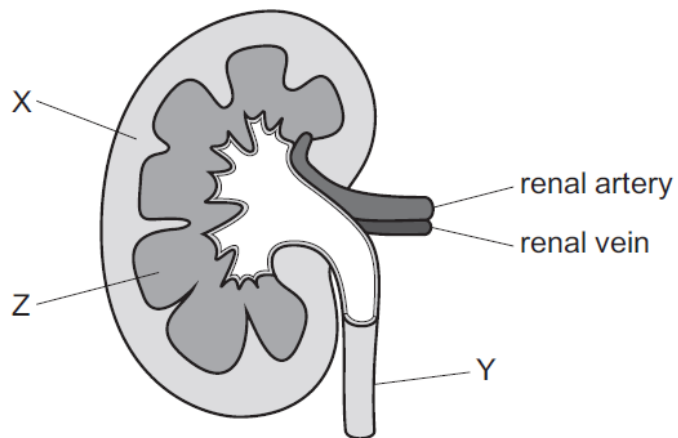


Which substances are normally present in the filtrate at X?

	glucose	urea
A	absent	absent
B	absent	present
C	present	absent
D	present	present

6. Nov/2021/Paper_22/No.24

The diagram shows a mammalian kidney.



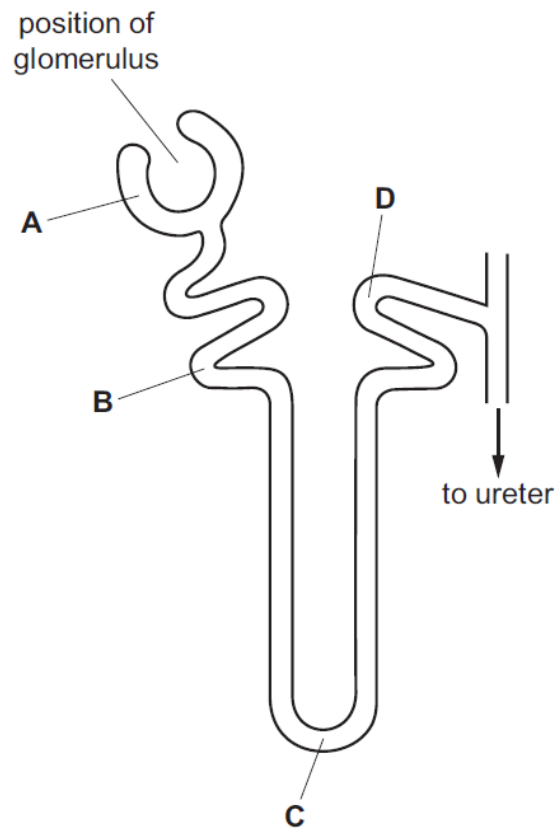
What are areas X, Y and Z?

	X	Y	Z
A	cortex	medulla	ureter
B	cortex	ureter	medulla
C	medulla	cortex	ureter
D	medulla	ureter	medulla

7. Nov/2021/Paper_23/No.24

The diagram shows a kidney tubule.

In which part of the tubule is the glucose concentration highest?



8. Nov/2021/Paper_42/No.5

(a) State **two** factors that affect the volume of urine produced in the human body.

1

2 [2]

(b) Nitrogen is an important element for organisms.

In a livestock farm, waste from animals contains protein. This waste is often spread on farmland as a fertiliser.

Describe how the nitrogen in protein is recycled in the soil into a form that plants can absorb and use.

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..... [5]

- (c) Waste from livestock farms often pollutes water courses, such as streams and rivers, leading to a reduction in biodiversity.

Explain how the pollution of water courses by animal waste leads to a reduction in biodiversity.

[6]

[Total: 13]