

**Excretion – 2021 O Level 5090**

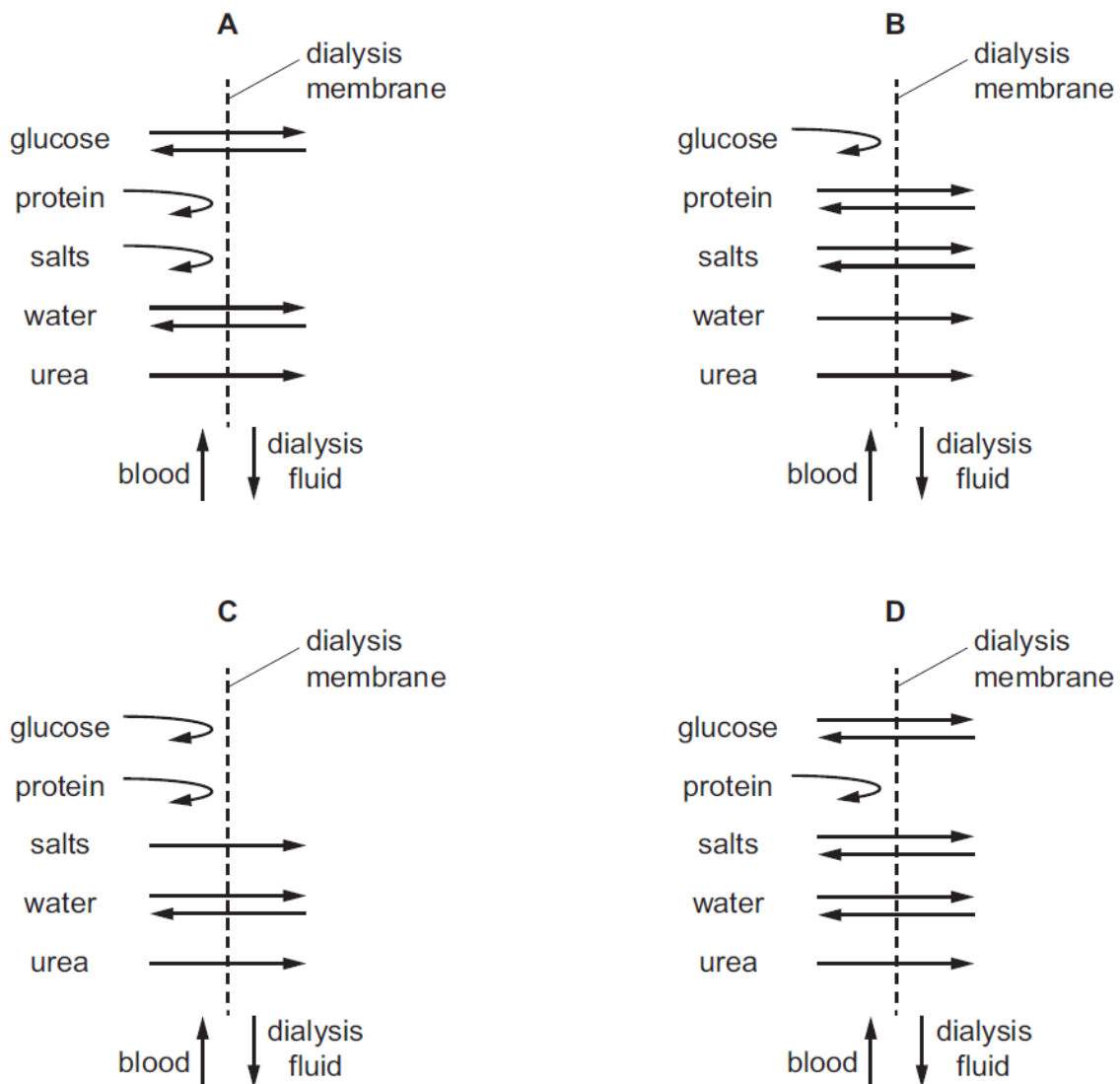
1. [Nov/2021/Paper\\_11/No.19](#)

During kidney dialysis, which blood components pass from the blood into the dialysis fluid?

- A platelets and proteins
- B proteins and salts
- C salts and urea
- D urea and platelets

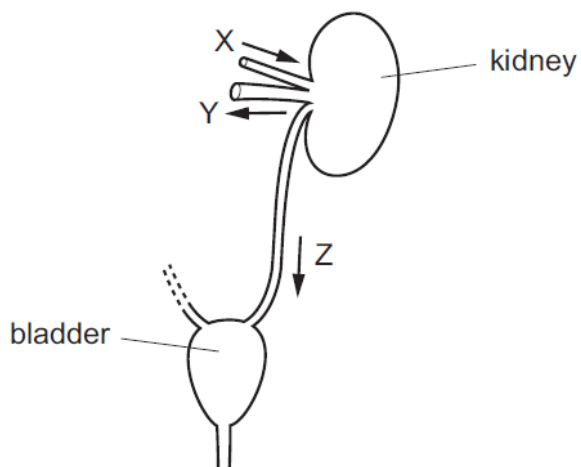
2. [Nov/2021/Paper\\_12/No.19](#)

Which diagram shows the diffusion of substances between the blood and dialysis fluid during dialysis?



## 3. Jun/2021/Paper\_11/No.19

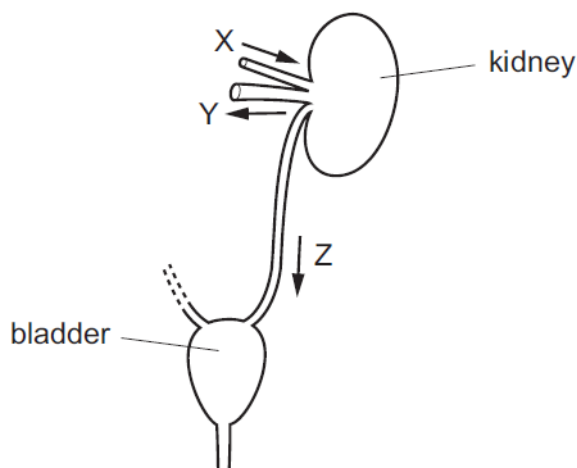
The diagram shows structures in a human which form and store urine. Liquids pass through tubes X, Y and Z in the directions shown by the arrows.



Which statement about the volume of liquid passing through Y in one day is correct?

- A It is greater than that passing through X.
  - B It is less than that passing through Z.
  - C It is much less than that passing through X but slightly greater than that passing through Z.
  - D It is slightly less than that passing through X but much greater than that passing through Z.
4. Jun/2021/Paper\_12/No.19

The diagram shows structures in a human which form and store urine. Liquids pass through tubes X, Y and Z in the directions shown by the arrows.

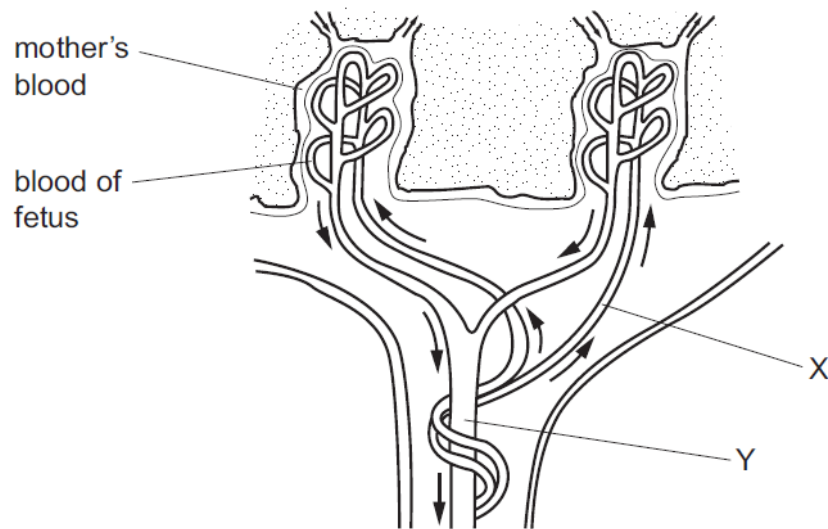


Which statement about the volume of liquid passing through Y in one day is correct?

- A It is greater than that passing through X.
- B It is less than that passing through Z.
- C It is much less than that passing through X but slightly greater than that passing through Z.
- D It is slightly less than that passing through X but much greater than that passing through Z.

## 5. Jun/2021/Paper\_12/No.35

The diagram shows how the blood of a human fetus flows close to the mother's blood in the placenta.



Which substances are present at X in higher concentrations than at Y?

- A carbon dioxide and glucose
- B carbon dioxide and urea
- C glucose and oxygen
- D glucose and urea