

Name:

Class:



What is the first stage of protein synthesis?

Transcription

Where does this stage take place?

Within the nucleus/ nucleus.State **three** components of the bodies general defence system.

- **Physical barrier – e.g. Skin.**
- **Chemical barrier – e.g. Stomach acid.**
- **Phagocytes**

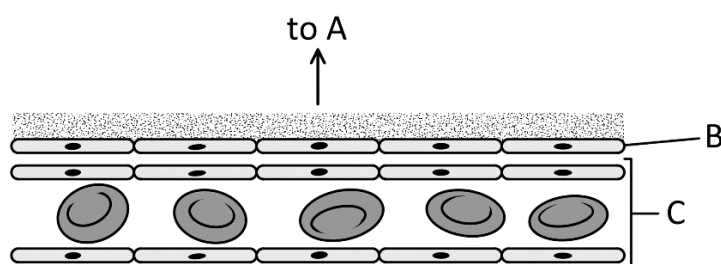
Where is urea produced?

The LiverWhat vessel connect the kidney to the bladder? **The ureter.**

How is glucose reabsorbed in the proximal convoluted tubule?

By active transport from the filtrate to the epithelial cells then by diffusion to the blood.

The diagram shows part of the human gas exchange system.



Which row identifies A, B and C.

	A	B	C
A	Alveolus wall	Capillary wall	Vein
B	Alveolus	Alveolus wall	Capillary
C	Capillary	Layer of moisture	Bronchiole
D	Alveolus wall	Bronchiole	Capillary

Which process transmits an impulse across a synapse?

- A** Active transport
- B** Diffusion
- C** Gravity
- D** Osmosis

What are the products of aerobic respiration?

Carbon dioxide & water

What is the product of anaerobic respiration in humans?

Lactic acid

What is the function of a mitochondrion?

Aerobic respirationWhat **two processes** occur during meiosis prophase 1.**Crossing over and recombination.**