

14 The kidney – Part 2 —Answers

Answers

Work through these after trying the questions yourself.

14.6 It cleans the blood and controls its water content.

14.7 A nephron.

14.8 Blood cells and large proteins (too big to pass).

14.9 The filtrate.

14.10 It is all reabsorbed back into the blood.

14.11 Although glucose is small enough to be filtered into the nephron, it is *all* taken back into the blood by selective reabsorption as the filtrate flows along the tubule. So none is left by the time the urine forms —healthy urine has no glucose.