

1. Listening

Watch the video and complete the missing words. <https://www.youtube.com/watch?v=hiNEShg6JTI>

The kidneys lie outside the _____, they function as the main _____ and eliminate the body's metabolic waste products which are then _____ through the urethra. The kidneys adjust blood composition and so maintain blood _____. In the place called _____, blood vessels, nerves and ureter connect to the kidney. They consist of up to 18 _____ (each lobe is divided into lobules) which are composed of _____. The nephron is made up of _____ and a system of tubules.

Plasma like fluid which is filtered through a membrane in kidneys is called filtrate and forms the _____. The filtrate then enters the tubule system of the nephron where some substances _____ to it and some substances are reabsorbed into the blood.

The nephron tubule is divided into four segments: proximal _____ tubule, _____ of Henle, _____ tubule and _____.

One _____ supplies blood to each kidney. The artery is divided into segmental arteries which then _____ several lobular arteries within the kidney. The afferent and _____ arterioles regulate glomerular capillary pressure by selectively dilating or _____. Blood from the kidney empties into the _____.

By reabsorption the _____ of the internal environment is maintained. After filtration and reabsorption, the filtrate concentrates in _____ and then goes to renal _____ from where it passes to the ureter, bladder and urethra.

The kidneys perform an _____: the blood is filtered and some materials are _____ reabsorbed into the blood so that a stable internal environment is _____. The nephron is made up of glomerulus, which _____ and the tubular component where substances are either reabsorbed or _____ the tubular filtrate for elimination.

Verbs for pregnancy and childbirth

- 1 Read Marie's birth story quickly. What complication was there with her birth?

We started *trying for / making*¹ a baby three years ago. When I didn't *get / go*² pregnant after two years, we *made / had*³ tests, which showed that my husband had a low sperm count. We had IVF, and six weeks later I found I was *waiting for / expecting*⁴ a baby. I was nervous when I *had / did*⁵ my scan at twelve weeks, but everything was fine.

My waters broke in the middle of the night and I *went into / entered*⁶ labour a couple of hours later. The midwife *made / did*⁷ a vaginal examination and found that the baby was breech. I'd thought about a home birth, but was now glad I was *having / giving*⁸ birth in hospital. As it turned out, though, the medical team weren't needed. The midwife *made / put*⁹ a small cut and I managed to *push out / remove*¹⁰ the baby's legs and torso fairly easily – it was a girl! Then I *made / gave*¹¹ a big push and the head came out. Lilia *gave birth / was born*¹² at 6.28 p.m. I was sobbing as the midwife *handed / delivered*¹³ her to me.

- 2 Underline the correct form of the verbs in *italics*.

From pregnancy to birth

- 1 Listen to five short conversations between the midwife and Hannah, a first-time mother. Decide whether each one takes place

1 pre-birth 2 during birth 3 after birth.

a _____ c _____ e _____
b _____ d _____

- 2 Complete the sentences with the words below. Then listen again and check.

a miscarriage dilated forceps
an epidural induce presentation
birth plan gas and air
contractions waters

- 1 My _____ broke last night, and I started getting strong _____ early this morning.
2 Well, you're seven centimetres _____ now, so I don't think we'll need to _____ you.
3 Now, on your _____ you've said you'd like _____ as pain relief, yes?
4 Yes, but if I can't bear the pain, I'd like _____.
5 That's normal when _____ are used.
6 I've had _____ before, so they thought I should have a scan.
7 The baby's _____ is perfect, with the head down.