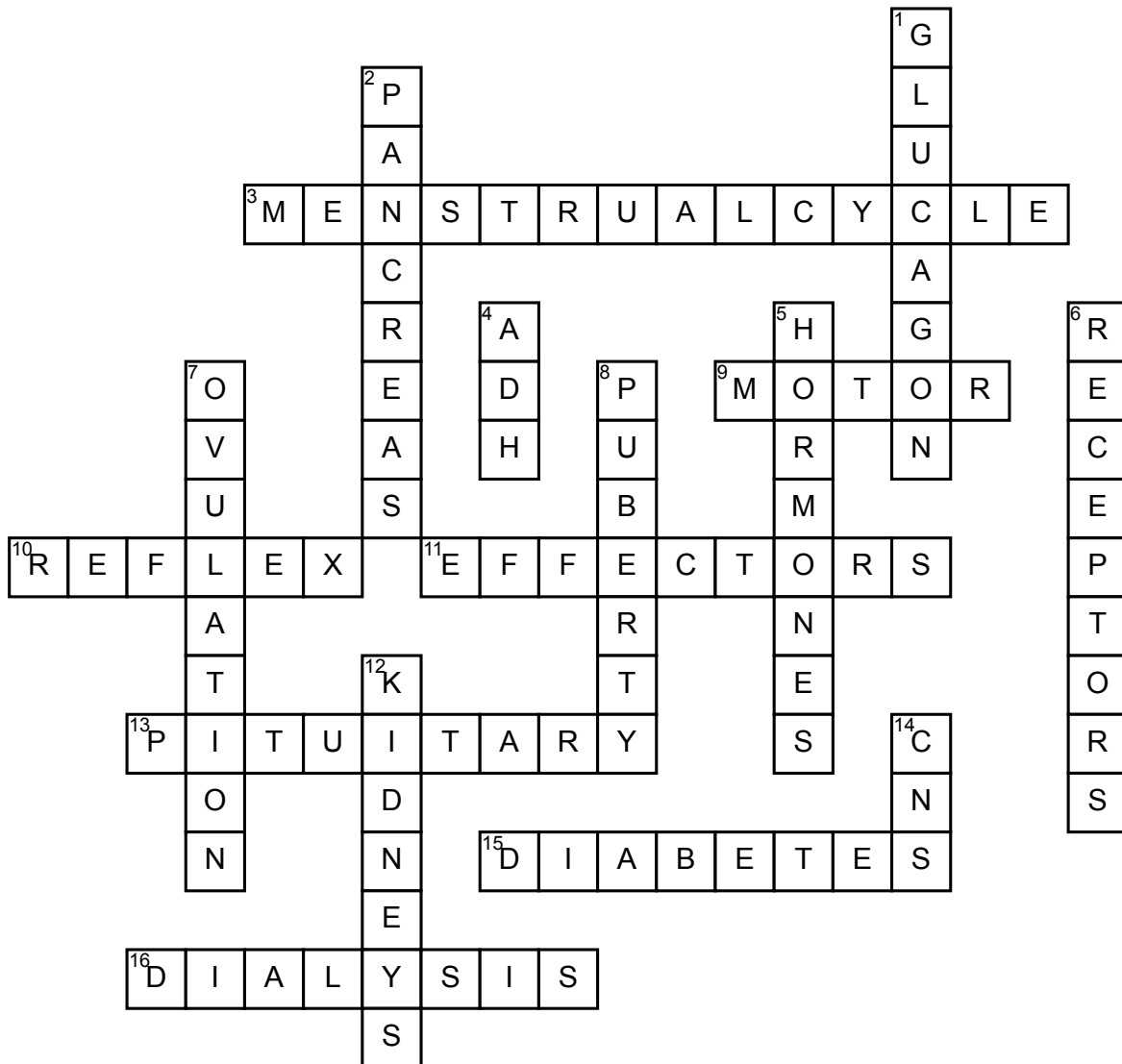


# Hormones and Homeostasis



## **Across**

**3.** This is the monthly release of an egg from a woman's ovaries

**9.** The neurones that carry electrical impulses from the CNS to effectors

**10.** An action that is performed without conscious thought as a response to a stimulus

**11.** All of your muscles and glands which respond to nervous impulses

**13.** This gland secretes FSH and LH

**15.** This is a condition that affects your ability to control your blood sugar level

**16.** A person has this treatment when no kidneys are available to be transplanted

## **Down**

**1.** This makes the liver turn glycogen into glucose

**2.** This gland produces insulin which is used to regulate the blood glucose level

**4.** The concentration of urine is controlled by this hormone

**5.** Chemical messengers which are secreted from glands directly into the blood.

**6.** Cells that detect stimuli

**7.** This happens at stage 3 of the menstrual cycle

**8.** A person goes through this when they reach sexual maturity and become capable of reproduction

**12.** This organ makes urine by removing waste products from your blood

**14.** This receives information from the receptors and then coordinates a response