

Hormonal coordination recall questions

1. What is the main female reproductive hormone and where is it made?
2. What is the main male reproductive hormone and where is it made?
3. What is ovulation and how often does it happen?
4. Name four female reproductive hormones and write down what each hormone does.

Hormonal coordination recall answers

1. Oestrogen produced in the ovaries.
2. Testosterone produced in the testes
3. The release of an egg every 28 days, ovulation occurs on day 14 of the menstrual cycle.
4. FSH (follicle stimulating hormone) – produced in the pituitary gland, stimulates the ovaries to mature and egg. Stimulates the ovaries to produce oestrogen.

Oestrogen – produced in the ovaries, stimulates the uterus lining to thicken, inhibits (stops) the production of FSH.

LH – produced in the pituitary gland, stimulates ovulation (egg release) on day 14 of the menstrual cycle, inhibits production of oestrogen.

Progesterone – produced in the ovaries, maintains the uterus lining, production stops after 14 days and the uterus lining then breaks down, the period, this is the start of a new menstrual cycle.