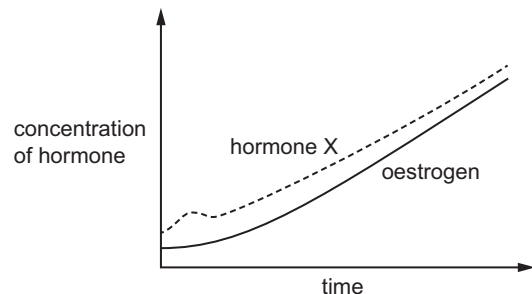


25 The graph shows the concentrations of two hormones during pregnancy.



Which organ secretes the most hormone X in the late stages of pregnancy?

- A ovary
- B placenta
- C uterus
- D vagina

26 A person has a 28-day menstrual cycle.

On which day is the lining of the uterus thickest?

- A 2
- B 4
- C 9
- D 21

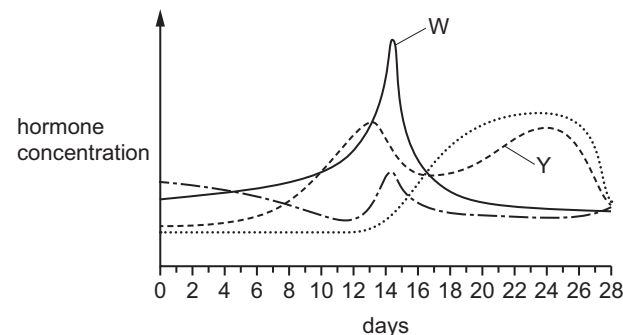
25 Which substance is a hormone that is involved in the development and regulation of male secondary sexual characteristics?

- A insulin
- B glucagon
- C lactase
- D testosterone

29 Which hormone is produced by cells in the placenta of a developing fetus?

- A FSH
- B LH
- C testosterone
- D progesterone

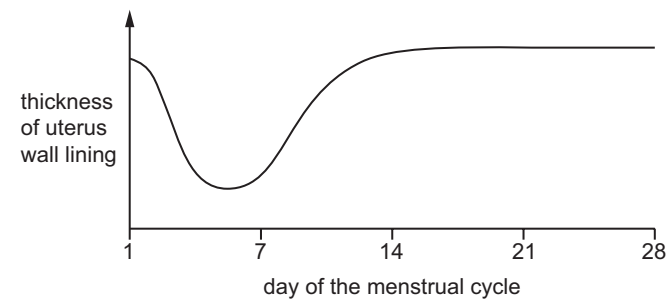
28 The diagram shows the changing concentrations of some hormones involved in the menstrual cycle.



Which letters identify two of the hormones?

- A W is FSH and Y is oestrogen.
- B W is LH and Y is oestrogen.
- C W is progesterone and Y is FSH.
- D W is progesterone and Y is LH.

29 The graph shows changes in the thickness of the lining of the uterus wall during a menstrual cycle.



Which day is the last day of menstruation?

- A 4
- B 8
- C 16
- D 20

27 Which statement correctly describes the effect of a hormone in a human menstrual cycle that lasts for 28 days?

- A** FSH causes maturation of an egg up to day 21.
- B** LH stimulates the release of an egg on day 14.
- C** Oestrogen maintains the uterus lining between days 14 and 28.
- D** Progesterone causes the repair and thickening of the uterus lining between days 4 to 14.

28 What is the main hormone responsible for the development of male secondary sexual characteristics?

- A** adrenaline
- B** insulin
- C** oestrogen
- D** testosterone