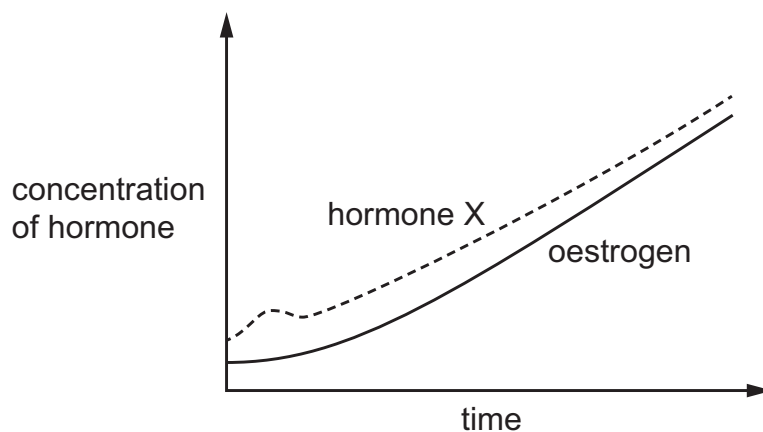


25 The graph shows the concentrations of two hormones during pregnancy.



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

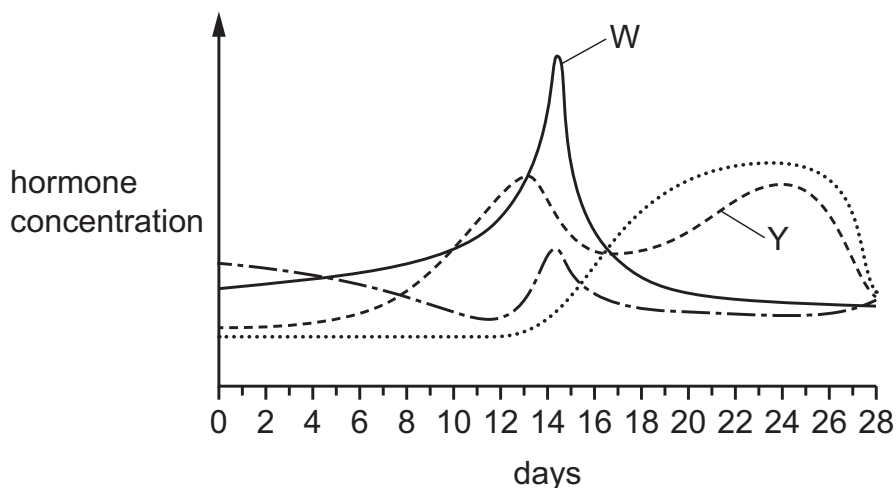
25 Which substance is a hormone that is involved in the development and regulation of male secondary sexual characteristics?

- 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

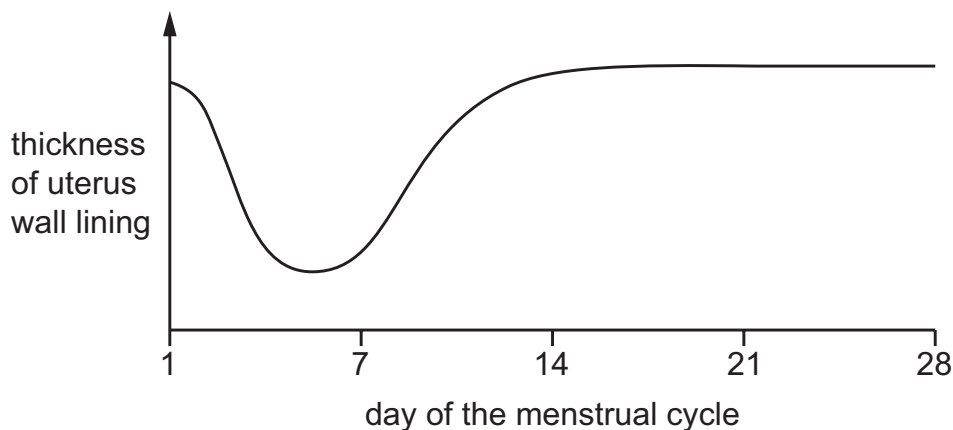
- 28** The diagram shows the changing concentrations of some hormones involved in the menstrual cycle.



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