

Review Hormones

- 1) What is the difference between sexual and asexual reproduction?
- 2) In animals with alternation of sexual and asexual reproduction, what types of factors elicit sexual reproduction?
- 3) Give two examples of animals that alternate sexual and asexual reproduction.
- 4) What is the meaning of the words hermaphrodite and anisogamy?
- 5) What are the main functions of LH and GnRH in males?
- 6) Study the ovarian and uterine cycles in humans.
- 7) What are the phases of an estrous cycle?
- 8) Female dogs usually have two periods of heat a year. How would you characterize them?
- 9) Explain why the combination of progesterone and estrogen in contraceptive pills prevents pregnancy.
- 10) Define the terms monogamy, polygamy, polyandry, and polygyny.
- 11) Why do the males of polyandrous species have relatively large testis?
- 12) What is the most common mating system in mammals (not in notes, go and find out!)? In birds?
- 13) What is the difference between intra- and inter-sexual selection?
- 14) What is the handicap principle?