1. What is the main urinary excretion metabolite of testosterone?
   A. estradiol
   B. dehydroepiandrosterone sulfate
   C. pregnanediol glucuronide
   D. testosterone
   E. androstenedione

2. Which of the following could result in an abnormally large clitoris (clitoromegaly) of a newborn female?
   A. abnormally low levels of estradiol during gestation
   B. lack of mullerian inhibiting hormone during gestation
   C. an androgen receptor defect
   D. exposure to excess androgen during gestation
   E. an estrogen receptor defect

3. Where is the hormone made that stimulates the gonadotrophs (or gonadotropes) to synthesize FSH?
   A. posterior pituitary gland
   B. anterior pituitary gland
   C. ovary
   D. uterus
   E. hypothalamus

4. When do estradiol levels reach their highest levels in an adult female?
   A. the early follicular phase of the menstrual cycle
   B. pregnancy
   C. the later follicular phase of the menstrual cycle
   D. hypothalamic amenorrhea (hypothalamic chronic anovulation)
   E. the midluteal phase of the menstrual cycle

5. Viagra decreases the activity of what enzyme in the erectile tissue of the penis?
   A. phosphodiesterase
   B. guanylyl cyclase
   C. nitric oxide synthase
   D. adenylyl cyclase
   E. aromatase