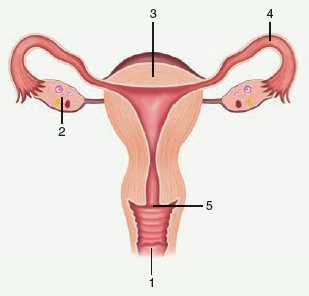
**Chapter 14 Pre-Test A**

**Multiple Choice**

*Identify the choice that best completes the statement or answers the question.*



**\_\_\_\_ 1. Use the diagram above to answer the next question.**

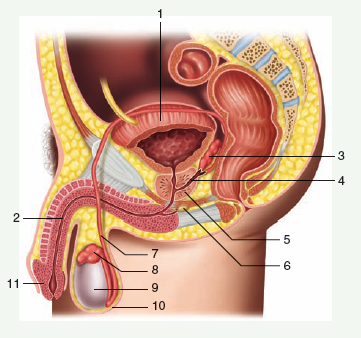
At which location does the proliferation of endometrium occur?

|  |  |
| --- | --- |
| **a.** | 2 |
| **b.** | 3 |
| **c.** | 4 |
| **d.** | 5 |

**\_\_\_\_ 2. Use the diagram above to answer the next question.**

At which location does the follicular phase occur?

|  |  |
| --- | --- |
| **a.** | 2 |
| **b.** | 3 |
| **c.** | 4 |
| **d.** | 5 |



**\_\_\_\_ 3. Use the diagram above to answer the next question.**

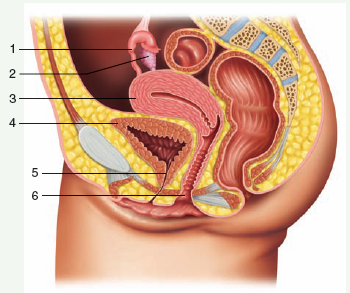
Which structure is the seminal vesicle?

|  |  |
| --- | --- |
| **a.** | 3 |
| **b.** | 5 |
| **c.** | 6 |
| **d.** | 8 |

**\_\_\_\_ 4. Use the diagram above to answer the next question.**

Which structure is the Cowper’s gland?

|  |  |
| --- | --- |
| **a.** | 3 |
| **b.** | 5 |
| **c.** | 6 |
| **d.** | 8 |



**\_\_\_\_ 5. Use the diagram above to answer the next question.**

Which of the following descriptions applies to location 6?

|  |  |
| --- | --- |
| **a.** | site of egg development |
| **b.** | site of embryonic development |
| **c.** | receives penis during intercourse |
| **d.** | secretes follicle stimulating hormone |

**\_\_\_\_ 6.** Which of the following rows has the organs of the male reproductive system correctly matched with its function?

|  |  |  |
| --- | --- | --- |
|  | **Organ** | **Function** |
| A. | testes | secrete testosterone |
| B. | urethra | nourishes sperm |
| C. | epididymis | contributes alkaline fluid to semen |
| D. | seminal vesicle | carries semen into female reproductive tract |

|  |  |
| --- | --- |
| **a.** | A |
| **b.** | B |
| **c.** | C |
| **d.** | D |

**\_\_\_\_ 7.** Which of the following changes occurs at the time of menstruation?

|  |  |
| --- | --- |
| **a.** | a rise in the level of LH |
| **b.** | a drop in the level of testosterone |
| **c.** | a rise in the level of estrogen and progesterone |
| **d.** | a drop in the level of estrogen and progesterone |

**\_\_\_\_ 8.** The level of sperm production remains relatively constant all the time. The reason for this is a feedback loop between

|  |  |
| --- | --- |
| **a.** | LH and FSH. |
| **b.** | LH and inhibin. |
| **c.** | FSH and inhibin. |
| **d.** | inhibin and testosterone. |

**\_\_\_\_ 9.** Which of the following hormones is only released after implantation has occurred?

|  |  |
| --- | --- |
| **a.** | estrogen |
| **b.** | progesterone |
| **c.** | human chorionic gonadotropin |
| **d.** | gonadotropin-releasing hormone |

**\_\_\_\_ 10.** Which hormone is matched with its function?

|  |  |
| --- | --- |
| **a.** | HCG = causes uterine contractions |
| **b.** | oxytocin = stimulates milk production |
| **c.** | progesterone = stimulates release of LH |
| **d.** | estrogen = stimulates production of HCG |

**\_\_\_\_ 11.** When the concentration of LH in a man’s blood increases, its production is inhibited by rising levels of

|  |  |
| --- | --- |
| **a.** | FSH. |
| **b.** | GnRH. |
| **c.** | testosterone. |
| **d.** | human chorionic gonadotropin. |

**\_\_\_\_ 12.** The process of spermatogenesis occurs in the

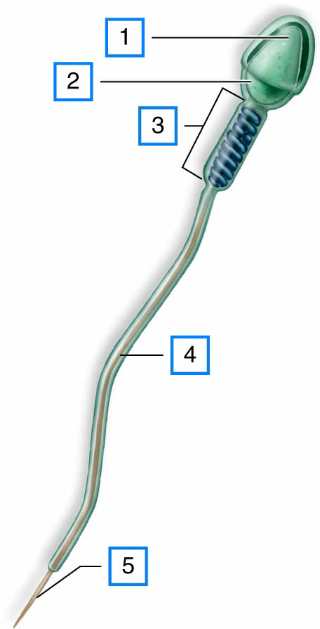
|  |  |
| --- | --- |
| **a.** | scrotum. |
| **b.** | vas deferens. |
| **c.** | interstitial cells. |
| **d.** | seminiferous tubules. |

**\_\_\_\_ 13.** Ovulation occurs immediately after a sharp rise in the levels of

|  |  |
| --- | --- |
| **a.** | estrogen. |
| **b.** | progesterone. |
| **c.** | luteinizing hormone. |
| **d.** | human chorionic gonadotropin. |

**\_\_\_\_ 14.** Which of the following describes the pathway that sperm follow prior to fertilization?

|  |  |
| --- | --- |
| **a.** | vagina  cervix  oviduct  uterus |
| **b.** | cervix  uterus  vagina  oviduct |
| **c.** | cervix  oviduct  vagina  uterus |
| **d.** | vagina  cervix  uterus  oviduct |



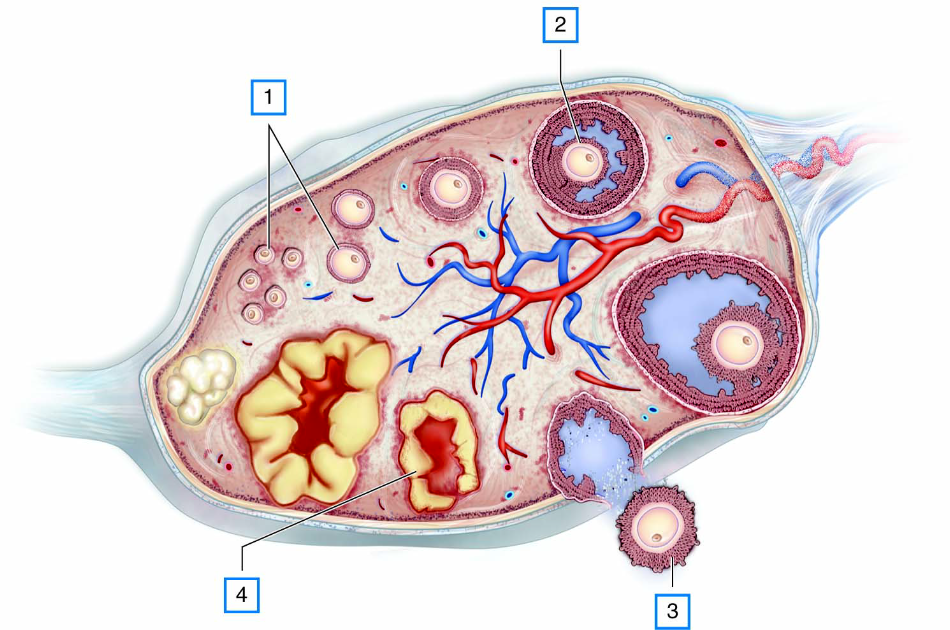
**\_\_\_\_ 15. Use the diagram above to answer the next question.**

Which structure contains genetic information?

|  |  |
| --- | --- |
| **a.** | 2 |
| **b.** | 3 |
| **c.** | 4 |
| **d.** | 5 |

**\_\_\_\_ 16.** Which phase of the uterine cycle occurs between day 5 and day 13?

|  |  |
| --- | --- |
| **a.** | luteal phase |
| **b.** | secretory phase |
| **c.** | menstrual phase |
| **d.** | proliferative phase |



**\_\_\_\_ 17. Use the diagram above to answer the next question.**

Which of the following events is responsible for the process occurring at location 3?

|  |  |
| --- | --- |
| **a.** | decreasing in levels of estrogen |
| **b.** | increasing levels of progesterone |
| **c.** | increasing levels of luteinizing hormone |
| **d.** | increasing levels of human chorionic gonadotropin |

**\_\_\_\_ 18. Use the diagram above to answer the next question.**

Which of the following events will occur as a result of secretions from location 4?

|  |  |
| --- | --- |
| **a.** | Menstruation will occur. |
| **b.** | Endometrium will thicken. |
| **c.** | Levels of HCG will increase. |
| **d.** | Uterine lining will produce mucus. |

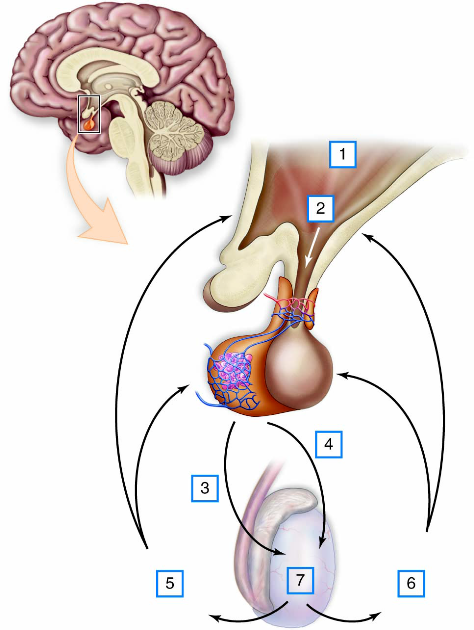
**\_\_\_\_ 19. Use the diagram above to answer the next question.**

Which of the following phases of the ovarian or uterine cycle will occur as a result of secretions from location 4?

|  |  |
| --- | --- |
| **a.** | menstruation |
| **b.** | follicular phase |
| **c.** | secretory phase |
| **d.** | proliferative phase |

**\_\_\_\_ 20.** Which of the following conditions will likely occur if the prostate is not functioning properly?

|  |  |
| --- | --- |
| **a.** | Sperm would not have the necessary nutrients. |
| **b.** | Sperm would not have a fluid in which to swim. |
| **c.** | Sperm would not survive conditions in the vagina. |
| **d.** | Sperm would be unable to penetrate the outer layer of the egg. |



**\_\_\_\_ 21. Use the diagram above to answer the next question.**

Which of the following events will happen because of secretions at location 1?

|  |  |
| --- | --- |
| **a.** | Pubic hair will grow. |
| **b.** | FSH levels will decrease. |
| **c.** | Interstitial cells will produce sperm. |
| **d.** | Seminiferous tubules will produce testosterone. |

**\_\_\_\_ 22. Use the diagram above to answer the next question.**

What impact will hormone 3 have on interstitial cells?

|  |  |
| --- | --- |
| **a.** | It will promote spermatogenesis. |
| **b.** | It will cause levels of FSH to increase. |
| **c.** | It will cause levels of GnRH to increase. |
| **d.** | It will promote synthesis of testosterone. |

**\_\_\_\_ 23.** Which of the following processes occurs because of positive feedback from the hypothalamus during the follicular phase?

|  |  |
| --- | --- |
| **a.** | ovulation |
| **b.** | implantation |
| **c.** | menstruation |
| **d.** | proliferation of endometrium |

**\_\_\_\_ 24.** Which of the following events will occur if implantation does **not** occur?

|  |  |
| --- | --- |
| **a.** | Levels of HCG will rise. |
| **b.** | Levels of estrogen will rise. |
| **c.** | The corpus luteum will start to degenerate. |
| **d.** | Levels of follicle stimulating hormone will decrease. |

**\_\_\_\_ 25.** Which of the following structures has a function that is least like that of the other three?

|  |  |
| --- | --- |
| **a.** | prostate gland |
| **b.** | Cowper’s gland |
| **c.** | seminal vesicles |
| **d.** | seminiferous tubules |

**Chapter 14 Pre-Test A**

**Answer Section**

**MULTIPLE CHOICE**

**1.** ANS: B PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-4 TOP: 14.3

KEY: Ovarian Uterine Cycles

**2.** ANS: A PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-3 TOP: 14.3

KEY: Ovarian Uterine Cycles

**3.** ANS: A PTS: 1 DIF: K REF: 14

OBJ: Reproductive System LOC: C14-1 TOP: 14.1

KEY: Male Reproductive System

**4.** ANS: C PTS: 1 DIF: K REF: 14

OBJ: Reproductive System LOC: C14-1 TOP: 14.1

KEY: Male Reproductive System

**5.** ANS: C PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-1 TOP: 14.2

KEY: Female Reproductive System

**6.** ANS: A PTS: 1 DIF: K REF: 14

OBJ: Reproductive System LOC: C14-1 TOP: 14.1

KEY: Male Reproductive System

**7.** ANS: D PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-5 TOP: 14.3

KEY: Ovarian Uterine Cycles

**8.** ANS: C PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C14-6 TOP: 14.1

KEY: Male Reproductive System

**9.** ANS: C PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-6 TOP: 14.3

KEY: Ovarian Uterine Cycles

**10.** ANS: B PTS: 1 DIF: K REF: 14

OBJ: Reproductive System LOC: C15-7 TOP: 14.3

KEY: Ovarian Uterine Cycles

**11.** ANS: C PTS: 1 DIF: K REF: 14

OBJ: Reproductive System LOC: C14-6 TOP: 14.1

KEY: Male Reproductive System

**12.** ANS: D PTS: 1 DIF: K REF: 14

OBJ: Reproductive System LOC: C14-2 TOP: 14.1

KEY: Male Reproductive System

**13.** ANS: C PTS: 1 DIF: K REF: 14

OBJ: Reproductive System LOC: C15-5 TOP: 14.3

KEY: Female Reproductive System

**14.** ANS: D PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-1 TOP: 14.2

KEY: Female Reproductive System

**15.** ANS: A PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C14-4 TOP: 14.1

KEY: Male Reproductive System

**16.** ANS: D PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-4 TOP: 14.3

KEY: Ovarian Uterine Cycles

**17.** ANS: C PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-5 TOP: 14.3

KEY: Ovarian Uterine Cycles

**18.** ANS: D PTS: 1 DIF: HMP REF: 14

OBJ: Reproductive System LOC: C15-5 TOP: 14.3

KEY: Ovarian Uterine Cycles

**19.** ANS: C PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-5 TOP: 14.3

KEY: Ovarian Uterine Cycles

**20.** ANS: C PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C14-3 TOP: 14.1

KEY: Male Reproductive System

**21.** ANS: A PTS: 1 DIF: HMP REF: 14

OBJ: Reproductive System LOC: C14-6 TOP: 14.1

KEY: Male Reproductive System

**22.** ANS: D PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C14-6 TOP: 14.1

KEY: Male Reproductive System

**23.** ANS: A PTS: 1 DIF: HMP REF: 14

OBJ: Reproductive System LOC: C15-5 TOP: 14.3

KEY: Ovarian Uterine Cycles

**24.** ANS: C PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C15-6 TOP: 14.3

KEY: Ovarian Uterine Cycles

**25.** ANS: D PTS: 1 DIF: U REF: 14

OBJ: Reproductive System LOC: C14-3 TOP: 14.1

KEY: Male Reproductive System