

Chapter 25

Use with Section 1

ENRICHMENT**• Human Reproduction****Hormonal Control of the Menstrual Cycle**

Using some references, find out more about the hormonal control of the menstrual cycle. Use information obtained from your research to answer the following questions.

1. What is menarche? _____
2. What is the average length of the menstrual cycle? _____
3. What is the endometrium? _____
4. How does FSH influence the ovarian follicle? _____
5. What happens when estrogen levels begin to increase? _____
6.
 - a. When is an ovum released? _____
 - b. What hormone is in the highest amount at the time of ovulation? _____
 - c. What ovarian hormone is produced in response? _____
7. In the absence of pregnancy, what happens to the levels of estrogen and progesterone?

8. Which hormones are necessary to maintain the uterine lining? _____

9.
 - a. What does the hormone called human chorionic gonadotropin (HCG) do? _____

 - b. Where is HCG made? _____
10. FSH and LH are abbreviations. What are the names of these hormones? _____
