

**Chapter 16.2 Scavenger Hunt. (7<sup>th</sup>)**

Date \_\_\_\_\_

Last Name \_\_\_\_\_, First \_\_\_\_\_ per \_\_\_\_\_

*Pre- read chapter 16.2, starting on page 648 and find the answers to the scavenger hunt clues.*

1. What is the **title** of chapter 16.2? \_\_\_\_\_
  
2. List the 17 **key terms** in section 16.2 page 648
 

a. _____	j. _____
b. _____	k. _____
c. _____	l. _____
d. _____	m. _____
e. _____	n. _____
f. _____	o. _____
g. _____	p. _____
h. _____	q. _____
i. _____	
  
3. **California Standards Focus -3 Green Keys page 648**
  - a. *Complete the three standards focus questions.*
    - i. What is \_\_\_\_\_ ?
    - ii. What are the \_\_\_\_\_ and \_\_\_\_\_ of the male and female \_\_\_\_\_ systems?
    - iii. What events occur during the \_\_\_\_\_ cycle?
  
4. **Lab Zone Standards Warm up on page 648**
  - a. What will you be looking at under the microscope? \_\_\_\_\_
  
5. Copy all the **red headings and blue** in section 16.2
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
    - i. \_\_\_\_\_
    - ii. \_\_\_\_\_
  - c. \_\_\_\_\_
    - i. \_\_\_\_\_
    - ii. \_\_\_\_\_
    - iii. \_\_\_\_\_
  - d. \_\_\_\_\_
    - i. \_\_\_\_\_
    - ii. \_\_\_\_\_
  
6. **Define the highlighted words on page 649-89**
  - a. Egg \_\_\_\_\_
  - b. Sperm \_\_\_\_\_
  
7. **Green/Yellow Key page 649**
  - a. What happens to the egg and sperm during fertilization? \_\_\_\_\_

8. **Figure 5 “Egg and Sperm”** *Compare egg and sperm cells.*
- Which is larger egg or sperm? \_\_\_\_\_
  - What shape does the sperm cell have? \_\_\_\_\_
  - What is surrounding the egg in the picture on the left? \_\_\_\_\_
  - What has the blue colored sperm cell started to do to the egg? \_\_\_\_\_  
\_\_\_\_\_
9. **Figure 6 “The Male Reproductive System”**
- Through what structures must sperm cells pass before leaving the body? \_\_\_\_\_,  
\_\_\_\_\_, **Tube** \_\_\_\_\_, and \_\_\_\_\_
10. **Define the Highlighted words on pages 650 and 651**
- testes \_\_\_\_\_  
\_\_\_\_\_
  - scrotum \_\_\_\_\_  
\_\_\_\_\_
  - testosterone \_\_\_\_\_  
\_\_\_\_\_
  - semen \_\_\_\_\_  
\_\_\_\_\_
  - penis \_\_\_\_\_  
\_\_\_\_\_
  - urethra \_\_\_\_\_  
\_\_\_\_\_
11. **Figure 7 “The Female Reproductive System”**
- In the female reproductive system how many ovaries are there? \_\_\_\_\_
  - What kind of reproductive cell do ovaries produce? \_\_\_\_\_
  - What 2 hormones do the ovaries produce? \_\_\_\_\_ and \_\_\_\_\_
12. **Green/Yellow Key page 652**
- What is the role of the female reproductive system? \_\_\_\_\_
  - If the egg is fertilized, then what other role does the female reproductive system play up until birth? \_\_\_\_\_
13. Define the **highlighted words on page 652 and 653**
- ovaries \_\_\_\_\_  
\_\_\_\_\_
  - estrogen \_\_\_\_\_  
\_\_\_\_\_
  - fallopian tubes \_\_\_\_\_  
\_\_\_\_\_
  - uterus \_\_\_\_\_  
\_\_\_\_\_
  - vagina \_\_\_\_\_  
\_\_\_\_\_
  - Menstrual Cycle \_\_\_\_\_  
\_\_\_\_\_

14. **Lab Zone Skills Activity “Calculating” page 653**  
 a. Calculate how much bigger and egg is than a sperm. *Show work.*
- i. An egg cell is \_\_\_\_\_ times bigger than a sperm cell
15. **Green Key page 95**  
 a. What is it about cells that reflects differences in cell functions? \_\_\_\_\_  
 \_\_\_\_\_
16. **Figure 8 “Release of an Egg”**  
 a. What is the pink object in the photo? \_\_\_\_\_  
 b. Where does the egg end up after it travels down the fallopian tube? \_\_\_\_\_
17. **Highlighted words page 654 Define.**  
 a. Follicle \_\_\_\_\_  
 \_\_\_\_\_  
 b. Ovulation \_\_\_\_\_  
 \_\_\_\_\_  
 c. Menstruation \_\_\_\_\_  
 \_\_\_\_\_
18. **Math Analyzing Data “Changing Hormone Levels**  
 a. What does the Y axis on the graph show? \_\_\_\_\_  
 b. What is the level of LH on day 1 \_\_\_\_\_  
 c. What is the level of LH on day 13? \_\_\_\_\_  
 d. What is the level of LH on day 17? \_\_\_\_\_  
 e. What is the level of LH on day 21? \_\_\_\_\_  
 f. What is the difference between levels of LH on days 9 and 13? \_\_\_\_\_  
 g. On what day does the level of LH reach its highest level? \_\_\_\_\_  
 h. On what day do you think an egg will be released? \_\_\_\_\_
19. **Figure 9 “The Menstrual Cycle”**  
 a. What builds up on the lining of the uterus during the menstrual cycle? \_\_\_\_\_  
 b. About how many days does a typical cycle last? \_\_\_\_\_  
 c. About when does ovulation take place during a typical cycle? \_\_\_\_\_

Now go back and read the section carefully. Then complete the workbook section 16.2 and see if you can answer the questions in the section 16.2 assessment. Workbook pages and assessments are extra credit and add points to your quiz scores!