Name: Date:

**Body Systems Packet**

Chapter 16

Endocrine System

1. Write the name of the endocrine gland in the right column and its function on the left.

|  |  |
| --- | --- |
| Name of Gland | Function of Gland |
|  |  |
|  |  |
|  |  |
|  |  |
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|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

2. Define the following terms:

* Endocrine glands
* Thyroid glands
* Parathyroid glands
* Pancreas
* Pituitary gland
* Adrenal glands

3. What are hormones?

4. The hypothalamus produces hormones that regulate what?

5. Which gland links the endocrine system to the nervous system?

6. What might happen if the adrenal glands stop regulating the body's salt and water balance?

7. If you suddenly began having trouble sleeping, how might the pineal gland be involved?

8. What would happen if scientists applied luteinizing hormone to a female's ovary cells and to a male's testes cells?

9. Compare and contrast the adrenal cortex and adrenal medulla.

Chapter 16, Lesson 2: Male Reproductive System

1. As you read, sketch the path that sperm take through each of the male reproductive organs.

TESTES

EPIDIDYMIS

2. Define the following terms:

* Sperm
* Testosterone
* Testes
* Scrotum
* Penis
* Semen
* Sterility

3. What is an inguinal hernia?

4. How often should males conduct a testicular self-exam?

5. Where are sperm formed?

6. How does the scrotum respond to temperature, and for what purpose?

7. Where are you most likely to find a cancerous lump on a testable?

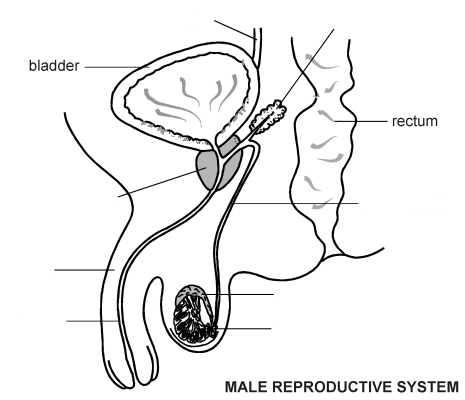
8. What should a male infer if he begins to develop facial hair?

9. Why is it important to see a health care provider right away if a testicular lump is discovered?

10. What is the best way to avoid contracting a sexually transmitted disease?

11. Label the following 8 parts of the male reproductive system.

\*\*NOTE: IF YOU ARE NOT MATURE ENOUGH TO FILL OUT THIS DIAGRAM WITHOUT DRAWING OR WRITING THINGS THAT I DEAM TO BE INAPPROPRIATE, THEN YOU PROBABLY SHOULD SKIP THIS PART.\*\*



Chapter 16, Lesson 3: Female Reproductive System

1. In the below T-Chart organize information about the parts of the female reproductive system and their functions.

|  |  |
| --- | --- |
| Part | Function |
|  |  |

2. Define the following terms:

* Eggs
* Ovaries
* Uterus
* Ovulation
* Fallopian tubes
* Vagina
* Menstruation
* Cervix

3. What type of disease, if left untreated, is associated with pelvic inflammatory disease?

4. What happens to the uterine wall as it prepared for a zygote?

5. Why could two females start their menstrual cycle at different ages?

6. Why is it important for a female to conduct a breast exam after a menstrual period ends?

7. How can good hygiene help prevent toxic shock syndrome?

8. Distinguish between ova, ovaries, and ovulation.

9. Identify a kind of cancer of the female reproductive system that is linked to a sexually transmitted disease.

10. What is the difference between menstrual cramps and PMS?

11. Why do blocked fallopian tubes often result in infertility?

12. Label the following 6 parts of the female reproductive system.

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