Animal Physiology Notesheet

Name: Hour Date:

1. Define homeostasis:

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2. The most basic unit of life is a .
3. What is a tissue?

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4. What is an organ?

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5. What is a system?

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6. There are \_\_\_\_\_\_\_ major systems in the body.
7. As cells begin to divide after fertilization, three distinct layers of cells begin to form. List and describe them below:

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8. What are the four kinds of tissue in the body?

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9. What is epithelial tissue?
10. List and describe the 3 functions of epithelial tissue:

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11. List and describe the 3 functions of connective tissue:

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12. What are examples of connective tissue?
13. What is muscle tissue?
14. How does muscle tissue contract?

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15. What are the 3 kinds of muscle tissue? List and describe below:

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16. What is nervous tissue?
17. How does nervous tissue send an electrical signal?

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18. What organs are made of nervous tissue?
19. Organs are made up of
20. This tissue will form an
21. Organs together will form , or a collection of

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22. List the organ systems of the body:

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23. What is the purpose of the circulatory system?

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	1. What organs are in this system?

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24. What is the purpose of the respiratory system?

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	1. What organs are in this system?

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25. What is the purpose of the digestive system?

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	1. What organs are in this system?

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26. What is the purpose of the urinary system?

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	1. What would happen if the body’s fluids were too dilute?

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	2. What would happen if the body’s fluids were too concentrated?

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	3. What organs are in this system?

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27. What is the purpose of the musculoskeletal system?

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	1. What organs are in this system?

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28. What is the purpose of the immune system?

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	1. What organs are in this system?

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29. What is the purpose of the nervous system?

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	1. What organs are in this system?

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30. What is the purpose of the endocrine system?

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	1. What organs are in this system?

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31. What is the purpose of the reproductive system?

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	1. What organs are in this system?

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32. What is the purpose of the integumentary system?

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	1. What organs are in this system?