

Study Guide

Review Questions

1. Briefly define *nature* and *nurture*, and give 2 examples of each.

nature: _____

examples: _____

nurture: _____

examples: _____

2. Health is balance in a realm of life. Briefly, what does health in each realm look like?

physical: _____

social: _____

mental: _____

emotional: _____

spiritual: _____

3. Your genetics were given to you by your biological parents at conception. Fill the blanks in the paragraph below with the letter from the correct term in the box:

Characteristics a person displays are called _____. _____ is the study of these characteristics passed from generation to generation. The information for these is found on structures called _____, which are visible at the time of cell duplication, when they are wound up tightly. These structures are long, twisted fibers of _____ with protective coating. Each fiber contains a sequence of many _____. The choice of a base and the order in which the bases appear form a language. The language carries the information needed to make _____, which is how the characteristic is expressed. A section of this fiber that codes for a specific characteristic is called a _____. All the information on the genetic structures that codes specifically for your traits is your _____.

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|--------------------------------|-------------------------|
| a. chromosomes | e. genotype |
| b. deoxyribonucleic acid (DNA) | f. nucleobases or bases |
| c. gene | g. proteins |
| d. genetics | h. traits |

4. Because you have 2 parents, you have 2 copies of each gene on homologous pairs of chromosomes. If you have a dominant gene and a recessive gene for the same trait, which one will be expressed?

5. What is the only situation in which a recessive gene is expressed?

6. What is one good reason to be aware of the diseases in your family that are known to be hereditary?

7. What is one good reason to be aware of abilities and talents in your family that seem to be hereditary?
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8. Identify the 4 temperaments described:
- a. _____ "I need time alone. I value honesty, thriftiness, promptness, and quiet. I love children. People call me steady. I hold back from expressing my opinions."
- b. _____ "I seem to rise to leadership every time I enter a group of people. I have been called bossy and occasionally I lose my temper, but I say what I think and have confidence that I can accomplish the task."
- c. _____ "I never met a stranger. People say I am energetic and fun-loving, but I forget details sometimes, especially when I see someone I know. I love to try new things."
- d. _____ "I never measure up to what I envision I could be. I have been told I am thorough and precise, and I am moved emotionally by excellent drama or music. I love a creative project."
9. If you are not strongly one of the 4 temperaments, what could be complicating your temperament?
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10. What is the difference in laterality among dominant, mildly dominant, cross-dominant, and ambidextrous people? What 2 things can make true laterality harder to determine?
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11. What does it mean to be diurnal? To be nocturnal? Are humans naturally nocturnal?

12. Give 2 characteristics of a morning person and 2 characteristics of a night person.

morning person: _____

night person: _____

13. What is an omnivore?



Answers to this Study Guide are found online on your book extras page. When you feel confident that you have mastered the materials in this module, you can find the exam at the back of this notebook. Your parent or teacher will grade your exam.