

Name _____ Class _____ Date _____

Section 2 Understanding Life review quiz

Matching questions

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|---|-------------------------|
| 1. A system defining right and wrong behaviors | A. Organization |
| 2. A stable level of internal conditions in living things | B. Cell division/growth |
| 3. Can be adjusted to allow more or less light through on a microscope. | C. Ethics |
| 4. Houses the prisms, eyepiece tube, and lenses | D. Body tube |
| 5. Living things must be able to organize simple substances into complex ones | E. Homeostasis |
| 6. Used for precision focusing | F. Fine adjustment knob |
| 7. A complex set of responses to environmental stimuli | G. Diaphragm |
| 8. The orderly formation of new cells | H. Behavior |

Multiple choice questions

9. A snake eats an egg for nutritional value so the snake is able to move and hunt.
A. Growth B. Energy utilization C. evolution D. Regulation
10. Evolution is given as a characteristic of life in our text which of these does it best match:
A. adaptation B. reproduction C. growth D. use energy
11. When viewing a specimen with our microscopes on low power (4x), what is the total magnification of the specimen?
A. 10x B. 40x C. 400x D. 4000x
12. When making a wet mount slide always make sure to stand the cover slide next to the specimen and then lay it over on the specimen in order to
A. create a hovering affect that will not scratch the slide B. not smash the specimen. C. reduces the chance of cutting yourself. D. decreases the chance of air bubbles.
13. Traits giving an organism an advantage in a certain environment
A. modification B. mutations C. adaptations D. none of these
14. Must occur for a species to survive.
A. behavior B. reproduction C. hunting prey D. none of these
15. The part of the microscope that the slide rests on.
A. arm B. condenser C. stage D. base
16. Currently, gene therapy can be said to be
A. promising B. far off in the future C. not possible D. cheap and easy
17. True or False Fetal imaging and testing is an ethical issue in the life science