

Name: _____ Date: _____

Apologia Biology - Modules 7-10

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| 1. the time interval between cellular reproduction | A. Interphase |
| 2. the figure produced when the chromosomes of a species during metaphase are arranged according to the their homologous pairs | B. Microevolution |
| 3. a cell with chromosomes that come in homologous pairs | C. True breeding |
| 4. haploid cells (n) produced by diploid cells (2n) for the purpose of sexual reproduction | D. Fossils |
| 5. a non-cellular infectious agent that has two characteristics: (1) has genetic material (RNA or DNA) inside a protective protein coat; (2) it cannot reproduce on its own | E. The immutability of species |
| 6. inheritance of a genetic trait not on a sex chromosome | F. Biomass |
| 7. one of a pair of genes that occupies the same position on homologous chromosomes | G. Allele |
| 8. if an organism has a certain characteristic that is always passed on to its offspring we say that this organism bred true with respect to that characteristic | H. Virus |
| 9. a cross between two individuals, concentrating on only one definable traits | I. Transpiration |
| 10. a cross between two individuals, concentrating on two definable traits | J. Greenhouse Effect |
| 11. the idea that each individual species o the planet was specially created by God and could never fundamentally change | K. Recessive allele |
| 12. the theory that natural selection can, over time, take an organism and transform it into a more specialized species of that organism | L. Ecosystem |
| 13. distinct layers of rock | M. Dihybrid cross |
| 14. the hypothesis that processes similar to those at work in microevolution can, over eons of time, transform an organism into a completely different kind of organism | N. Macroevolution |
| 15. preserved remains of once-living organisms | O. Diploid cell |
| 16. the study of similar structures in different species | P. Autosomal inheritance |
| 17. an association of living organisms and their physical environment | Q. Gametes |
| 18. a measure of the total dry mass of organisms within a particular region | R. Strata |

19. an ecosystem where all water runoff drains into a single body of water

S. Karyotype

20. evaporation of water from the leaves of a plant

T. Watershed

21. the process by which certain gases (principally water vapor, carbon dioxide, and methane) trap heat that would otherwise escape the earth and radiate into space

U. Structural Homology