

Name: _____

Period: _____

Biology Final Review Worksheet (24 pts)

UNIT: Evolution/Hardy-Weinberg (Chapters 15 & 16)

Matching: Write the letter of the description that best matches the term or phrase on the left.

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|---------------------------------|---|
| 1. Evolution __C__ | A. The wing of a bat and the wing of a fly |
| 2. Natural Selection __D__ | B. Study of the distributions of organisms on earth |
| 3. Analogous Structures __A__ | C. Development of new organisms from pre-existing organisms |
| 4. Homologous Structures __E__ | D. Organisms with better adaptations have higher fitness |
| 5. Biogeography __B__ | E. The arm of a human and the flipper of a whale |
| 6. Charles Darwin __E__ | A. Traces or remains of ancient life |
| 7. Vestigial Structures __B__ | B. The human appendix and a whale pelvic bone |
| 8. Alfred Russell Wallace __D__ | C. Layers of rock |
| 9. Fossil __A__ | D. Cofounder to the theory of Evolution |
| 10. Strata __C__ | E. Founder of the theory of Evolution |
| 11. Gene flow __E__ | A. A random change in a gene that's passed on to offspring |
| 12. Genetic drift __C__ | B. Total genetic information available in a population |
| 13. Mutation __A__ | C. Change in allele frequency of a population due to a random event |
| 14. Gene Pool __B__ | D. The formation of species by way of evolution |
| 15. Speciation __D__ | E. Movement of genes from one population to another |
| 16. Coevolution __C__ | A. Human breeder chooses individuals to parent the next generation |
| 17. Divergent Evolution __D__ | B. Mate chosen by ability to attract the opposite sex |
| 18. Convergent Evolution __E__ | C. Two or more species evolve adaptations to each other's influence |
| 19. Artificial Selection __A__ | D. Separation of species that came from a common ancestor |
| 20. Sexual Selection __B__ | E. Species that came from different ancestors evolve similar traits |