Biological Evidence of Evolution

Directions: *On each line, write the letter of the term that correctly matches the definition. Some terms may be used more than once or not at all.*

1. body parts of organisms that are similar in structure but not in function

2. the study of life from fertilization to birth

3. several species that share a common ancestor

4. the study of gene structure and function

5. the study of similarities and differences among structures of organisms

6. body parts of organisms that form a similar function but differ in structure

7. a body part shared by all vertebrate embryos at different stages of development

8. structures that suggest particular species are related

9. the use of a molecular clock helps scientists to understand this

10. body parts that are present but no longer have a function

11. Differences in these structures suggest that certain species are not related.

12. body part found in fish, reptiles, birds, and humans during development

13. field of study that looks at gene sequences

14. the pelvic bones found in whales as an example

A. comparative anatomy

B. homologous structures

C. analogous structures

D. vestigial structures **E.** developmental biology

F. pharyngeal pouches

G. molecular biology

H. evolution

I. divergence

J. embryology

K. diversity