

Review Pak #6  
(Answers)

“Can I Build a Dinosaur?”

Multiple Choice Questions

1. A
2. C
3. A
4. B
5. C
6. A, C, D
7. A, C, E
8. B, C, D
9. B
10. B
11. D
12. B
13. B, D, E
14. C
15. C

## Free Response Questions

1. Compare natural selection and artificial selection. Give one way they are alike and one way they are different.

*Sample response:*

*Both natural and artificial selection require variation and traits being passed from parents to offspring. The difference is that in natural selection the environment decides which traits help survival, but in artificial selection humans decide which traits they want.*

2. Salmon migrate earlier than before because the water temperatures have become too warm for them to successfully spawn. Identify the adaptation type and explain how this ensures their success for future generations.

*The salmon migrating earlier is a behavioral adaptation because they are changing their behavior so they can survive and reproduce.*

3. Explain how antibiotic resistance in bacteria is an example of natural selection.

*As antibiotics kill off bad bacteria, the resistant ones continue to multiply, passing on their resistant traits to their offspring. Over time, the population of bacteria becomes increasingly resistant, demonstrating natural selection.*