

LIFE SCIENCE QUIZ 4

- 1) Which term best matches the following definition?
Two species live together in a way that is usually beneficial to one, sometimes to both.
 - a. Symbiotic relationship
 - b. Parasitic relationship
 - c. Partnership
 - d. None of these
- 2) True or False? A bumblebee pollinating an aster as it gathers nectar is an example of a symbiotic relationship.
- 3) Although species can adapt to changes in their environment, adaption usually _____.
 - a. takes a short period of time
 - b. takes a long period of time
 - c. causes a species to go extinct
 - d. causes the environment to change back
- 4) When a whole species dies out, we say the species is _____.
 - a. Symbiotic
 - b. Endangered
 - c. Extinct
 - d. None of these
- 5) What are the simplest behaviors an organism inherits?
 - a. Instincts
 - b. Reflex
 - c. Conditioned Response
 - d. Learned Behaviors
- 6) Which of the following is a reflex?
 - a. Blink in bright light
 - b. Close your eyes when a spray bottle is pointed at your face
 - c. Pulling away from the shower water when a toilet is flushed
 - d. All of the above are reflexes
- 7) Animals inherit genes for behavior more complex than reflexes. These behaviors are known as _____.
 - a. Symbiotic
 - b. Parasitic
 - c. Instincts
 - d. Reflexes
- 8) What is one instinct that almost all animals inherit?
 - a. A memory
 - b. Instinct to stay alive
 - c. Sense of taste
 - d. All of these are instincts that an organism inherits

- 9) To learn from experience, an organism must have a _____ to store information.
- a. Memory
 - b. Reflex
 - c. Instinct
 - d. All of these
- 10) Who was the Russian scientist that conducted the famous experiment on conditioning?
- a. Rosalind Franklin
 - b. James Watson
 - c. Ivan Pavlov
 - d. Francis Crick
- 11) Which term best matches the following definition?
Learned behaviors that are repeated so often they are performed without thinking.
- a. Reflex
 - b. Instinct
 - c. Habit
 - d. None of these
- 12) Besides instincts and conditioning, another way animals learn is through _____.
- a. Imitation
 - b. Reflexes
 - c. Conditioning
 - d. Symbiotic Relationships