

Question 1 **Multiple Choice** **0 points**

Question The author of your text evidently believes that ____.

- Answer**
- change is a good thing
 - behavior is best accounted for by nature
 - adaptation occurs slowly
 - learning is a way of adapting to change

Question 2 **Multiple Choice** **0 points**

Question Variation and natural selection are the foundations of ____.

- Answer**
- genetics
 - evolution
 - learning
 - adaptation

Question 3 **Multiple Choice** **0 points**

Question Darwin's theory of evolution has been around for about ____.

- Answer**
- 50 years
 - 75 years
 - 150 years
 - 200 years

Question 4 **Multiple Choice** **0 points**

Question Chapter 1 includes a box called *The Face of Change*. One point the essay makes is that ____.

- Answer**
- many changes in our lives are imperceptible
 - change means progress
 - faces are recognizable even though they change
 - learning means changing

Question 5 **Multiple Choice** **0 points**

Question *The role of natural selection in the beaks of finches* was the subject of research by ____.

- Answer**
- Peter and Rosemary Grant
 - Harry and Margaret Harlow
 - Lee Cronk
 - Richard Dawkins

Question 6 **Multiple Choice** **0 points**

Question The gollypod, a fictitious aquatic animal, breaks out in a cold sweat whenever exposed to the sun. This reaction is most likely ____.

- Answer**
- a reflex
 - a fixed action pattern
 - a general behavior trait
 - the result of learning

Question 7 **Multiple Choice** **0 points**

Question Teenagerus Americanus, a two-legged ape indigenous to North America, breaks out in a cold sweat whenever exposed to elevator music. This reaction is most likely ____.

- Answer**
- a reflex
 - a fixed action pattern
 - a general behavior trait
 - learned behavior

Question 8 **Multiple Choice** **0 points**

Question The tendency of some animals to hoard food is probably an example of ____.

- Answer**
- a reflex
 - a fixed action pattern
 - a general behavior trait
 - learned behavior

Question 9 **Multiple Choice** **0 points**

Question The quotation, "Change is the only constant," is attributed to ____.

- Answer**
- Buckminster Fuller

- ✓ Virgil
- ✓ Lucretius
- Einstein

[Add Question Here](#)

Question 10 · Multiple Choice

0 points

[Modify](#) [Remove](#)

Question Modal action patterns are induced by events called ____.

- Answer**
- genes
 - stimuli
 - ✓ releasers
 - reflexes

[Add Question Here](#)

Question 11 · Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The chief advantage of learning over natural selection as a means of adapting to change is that learning ____.

- Answer**
- ✓ is faster
 - is more enduring
 - is less enduring
 - does not affect all members of a species

[Add Question Here](#)

Question 12 · Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The experiments of Harlow and Harlow demonstrated that how monkeys are reared ____.

- Answer**
- has little effect on their behavior later in life
 - ✓ can have a profound effect on their behavior later in life
 - has no effect on adult sexual activity
 - can improve their mental health

[Add Question Here](#)

Question 13 · Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The phenomenon that is nearly the opposite of habituation is ____.

- Answer**
- dehabituation
 - inhabituation
 - stabilization
 - ✓ sensitization

[Add Question Here](#)

Question 14 · Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The person who demonstrated that the marching of tropical army ants is not intelligent behavior is ____.

- Answer**
- ✓ Schneirla
 - Schneider
 - Schneidman
 - Schneirman

[Add Question Here](#)

Question 15 · Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The list of alleged human fixed action patterns ____.

- Answer**
- ✓ has gotten shorter in recent years
 - has gotten longer in recent years
 - has remained about the same over the years
 - is longer for pre-industrialized peoples than for those living in industrialized nations

[Add Question Here](#)

Question 16 · Multiple Choice

0 points

[Modify](#) [Remove](#)

Question One person who raised doubts about the incest taboo is ____.

- Answer**
- Grant
 - ✓ Freud
 - Wilson
 - McDougall

[Add Question Here](#)

Question 17 · Multiple Choice

0 points

[Modify](#) [Remove](#)

Question In her study of baboons, Shirley Strum found that the most successful males were ____.

- Answer**
- offspring of dominant females
 - bigger than other males
 - ✓ less aggressive than other males
 - the youngest

[Add Question Here](#)

Question 18 · Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The brown-headed cowbird deposits its eggs in the nests of other birds. This is most likely a ____.

- Answer**
- reflex
 - ✓ modal action pattern
 - general behavior trait

learned behavior

[Add Question Here](#)

Question 19 · **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Natural selection is often ____.

- Answer**
- ahead of the times
 - behind the times
 - up with the times
 - under the times

[Add Question Here](#)

Question 20 · **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Learning is an evolved ____.

- Answer**
- selectivity
 - modifiability
 - biology
 - karma

[Add Question Here](#)

Question 21 · **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question According to David Buss, the work of Gregor Mendel ____.

- Answer**
- required mathematical skills Darwin lacked
 - had little or no influence on Darwin's thinking
 - is irrelevant to evolution
 - was done 40 years after Darwin's death

[Add Question Here](#)

Question 22 · **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Behavior is anything an animal or person does that can be ____.

- Answer**
- seen
 - described
 - attributed to physical events
 - measured

[Add Question Here](#)

Question 23 · **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Natural selection is illustrated by changes in the coloration of the Peppered Moth resulting from ____.

- Answer**
- industrial pollution
 - drought
 - loss of habitat
 - long term changes in the hydraulic cycle

[Add Question Here](#)

Question 24 · **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Most mutations ____.

- Answer**
- are not helpful to survival
 - contribute to survival in important ways
 - cause monsterism
 - occur in one-celled organisms

[Add Question Here](#)

Question 25 · **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Keltner and Anderson suggest that ____ may protect us from injury by appeasing others we have offended.

- Answer**
- crying
 - sighing
 - yawning
 - blushing

[Add Question Here](#)

Question 26 · **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question A reflex is ____.

- Answer**
- any very simple behavior
 - a simple response to a simple event
 - a relationship between an event and a simple response
 - a purely physiological phenomenon

[Add Question Here](#)

Question 27 · **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question There is evidence that the rate of ____ in fetuses is correlated with intellectual development after birth.

- Answer**
- mutagenesis
 - sensitization
 - habituation
 - FAPs

[Add Question Here](#)

Question 28 Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The rooting of pigs (for worms, larvae, and truffles) is an example of a

- Answer**
- MAP
 - reflex
 - general behavior trait
 - learned behavior

[Add Question Here](#)

Question 29 Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The color ____ is a releaser for aggression in the male stickleback.

- Answer**
- green
 - blue
 - yellow
 - red

[Add Question Here](#)

Question 30 Multiple Choice

0 points

[Modify](#) [Remove](#)

Question Learning is

- Answer**
- a change in behavior.
 - an improvement in performance.
 - the acquisition of new behavior.
 - a cognitive change that may be reflected in changes in behavior.

[Add Question Here](#)

Question 31 Multiple Choice

0 points

[Modify](#) [Remove](#)

Question Experience refers to ____.

- Answer**
- mental states
 - our surroundings
 - events that affect behavior
 - things we live through

[Add Question Here](#)

Question 32 Multiple Choice

0 points

[Modify](#) [Remove](#)

Question An ____ is something an organism tries to escape or avoid.

- Answer**
- aversive
 - adversive
 - adhesive
 - adenoid

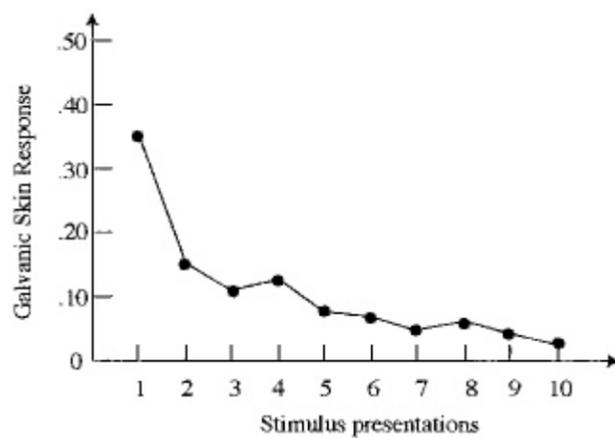
[Add Question Here](#)

Question 33 Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The figure below most likely illustrates ____.



- Answer**
- habituation
 - sensitization
 - a FAP
 - insurgence

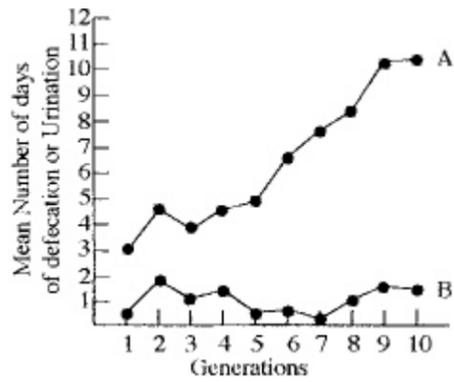
[Add Question Here](#)

Question 34 Multiple Choice

0 points

[Modify](#) [Remove](#)

Question The best title for the figure below is ____.



- Answer**
- diet and heredity
 - fearfulness and heredity
 - addiction and heredity
 - aggressiveness and heredity

[Add Question Here](#)

Question 35 - **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question In the fox-breeding experiment, researchers selectively mated foxes that displayed ____ behavior.

- Answer**
- aggressive
 - intelligent
 - dog-like
 - habituated

[Add Question Here](#)

Question 36 - **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Lee Cronk wrote an article on how evolved behavior can prove nonadaptive when the environment changes. The article was called ____.

- Answer**
- Old Dogs, Old Tricks
 - The Once and Future King
 - Murder Most Fowl
 - History Recalled

[Add Question Here](#)

Question 37 - **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question ____ poked fun at the human tendency to see itself as the crowning achievement of evolution.

- Answer**
- Charles Darwin
 - Gregor Mendel
 - Bertrand Russell
 - Alexander Pope

[Add Question Here](#)

Question 38 - **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Zing Yang Kuo found that 86% of kittens that saw their mothers kill rats later killed rats themselves. He also found that ____ of kittens that never saw their mothers kill rats later killed rats themselves.

- Answer**
- 87%
 - 73%
 - 65%
 - 45%

[Add Question Here](#)

Question 39 - **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Hart and Risley did a longitudinal study of the influence of the home verbal environment on children from different socioeconomic backgrounds. They found that ____.

- Answer**
- children whose parents talked to them a lot later scored lower on IQ tests
 - children whose parents talked to them a lot later scored higher on IQ tests
 - the amount of parental talk was unrelated to later IQ scores
 - the influence of parental language depended on parental income.

[Add Question Here](#)

Question 40 - **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question ____ refers to modal action patterns as complex reflexes.

- Answer**
- Gregor Mendel
 - Charles Darwin
 - Zing Yang Kuo
 - Howard Rachlin

[Add Question Here](#)

Question 41 - **Multiple Choice** **0 points**

[Modify](#) [Remove](#)

Question Steven says that he was very nervous when he first attended college classes, but now he feels quite relaxed. Steven's loss of anxiety is most likely an example of ____.

- Answer**
- learning
 - disease
 - maturation
 - fatigue

[Add Question Here](#)

- Question 42 · **Multiple Choice** **0 points** [Modify](#) [Remove](#)
- Question** Your text defines behavior as anything an organism does that can be ____.
- Answer** measured
 tested
 inferred
 accounted for
- [Add Question Here](#)
-
- Question 43 · **Multiple Choice** **0 points** [Modify](#) [Remove](#)
- Question** A thumbtack stuck in a bulletin board several feet away is less likely to affect your behavior than a thumbtack placed on the chair on which you are sitting. Even though both examples involve a thumbtack, the second is more likely to qualify as a ____.
- Answer** stimulus
 contiguous relation
 contingency
 response
- [Add Question Here](#)
-
- Question 44 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** Natural selection helps the individual adapt to changes in its environment.
- Answer** True
 False
- [Add Question Here](#)
-
- Question 45 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** Reflexes are generally less variable than modal action patterns.
- Answer** True
 False
- [Add Question Here](#)
-
- Question 46 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** All reflexes contribute to survival.
- Answer** True
 False
- [Add Question Here](#)
-
- Question 47 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** Darwin believed that there were no human instincts.
- Answer** True
 False
- [Add Question Here](#)
-
- Question 48 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** Research on the sexual orientation of sisters of lesbian women demonstrated that homosexuality is an inherited characteristic.
- Answer** True
 False
- [Add Question Here](#)
-
- Question 49 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** A major problem with natural selection as an adaptive mechanism is that it is slow.
- Answer** True
 False
- [Add Question Here](#)
-
- Question 50 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** Natural selection helps the species to adapt to change, not the individual.
- Answer** True
 False
- [Add Question Here](#)
-
- Question 51 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** The evolution of most species is now complete.
- Answer** True
 False
- [Add Question Here](#)
-
- Question 52 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** Probably the reason the world seems relatively stable is that we don't live long enough to see many drastic changes.
- Answer** True
 False
- [Add Question Here](#)
-
- Question 53 · **True/False** **0 points** [Modify](#) [Remove](#)
- Question** As far as the study of learning is concerned, experience refers primarily to events that take place inside the person.

Answer True
✓ False

[Add Question Here](#)

Question 54 True/False 0 points [Modify](#) [Remove](#)

Question Your text views learning as a change in the brain that is represented in behavior.

Answer True
✓ False

[Add Question Here](#)

Question 55 True/False 0 points [Modify](#) [Remove](#)

Question Learning always involves the acquisition of new behaviors.

Answer True
✓ False

[Add Question Here](#)

Question 56 True/False 0 points [Modify](#) [Remove](#)

Question It is sometimes difficult to say whether an event is behavior or physiology.

Answer ✓ True
False

[Add Question Here](#)

Question 57 True/False 0 points [Modify](#) [Remove](#)

Question The word stimulus always refers to events in an organisms surroundings.

Answer True
✓ False

[Add Question Here](#)

Question 58 True/False 0 points [Modify](#) [Remove](#)

Question Darwin founded his theory of evolution on the work of Gregor Mendel.

Answer True
✓ False

[Add Question Here](#)

Question 59 Fill in the Blank 0 points [Modify](#) [Remove](#)

Question Repeated exposure to a stimulus that evokes a reflex response results in _____.

Answer habituation

[Add Question Here](#)

Question 60 Fill in the Blank 0 points [Modify](#) [Remove](#)

Question The dispute over the relative importance of genetics and learning is often called the _____ debate.

Answer nature-nurture

[Add Question Here](#)

Question 61 Fill in the Blank 0 points [Modify](#) [Remove](#)

Question The chief limitation of natural selection as a means of adapting to change is that _____.

Answer it is slow
takes place over generations
helps the species but not the individual; associate

[Add Question Here](#)

Question 62 Fill in the Blank 0 points [Modify](#) [Remove](#)

Question _____, like natural selection, is a biological mechanism for adapting to change.

Answer Learning

[Add Question Here](#)

Question 63 Fill in the Blank 0 points [Modify](#) [Remove](#)

Question Learning is a/an _____ in _____ due to _____.

Answer change; behavior; experience

[Add Question Here](#)

Question 64 Fill in the Blank 0 points [Modify](#) [Remove](#)

Question A stimulus is an environmental event that is capable of affecting _____.

Answer behavior

[Add Question Here](#)

Question 65 Fill in the Blank 0 points [Modify](#) [Remove](#)

Question The brown-headed cowbird puts its eggs in other birds' nests. This is an example of a/an _____.

Answer modal action pattern
fixed action pattern
instinct

[Add Question Here](#)

Question 66 Essay 0 points [Modify](#) [Remove](#)

Question Explain the role of mutations in evolution.

Answer The answer should indicate that mutations provide new variations which, if adaptive, will be selected.

[Add Question Here](#)

Question 67

Essay

0 points

[Modify](#)

[Remove](#)

Question Why is natural selection helpful to species, but not to individuals?

Answer This point is covered in the query on p. 22 of the text. Students should note that natural selection produces changes across generations, not within a given individual.

[Add Question Here](#)

Question 68

Essay

0 points

[Modify](#)

[Remove](#)

Question How are reflexes, modal action patterns, and general behavior traits alike? How are they different?

Answer This question appears as item 13 in the list of review questions. Answers should note that all three are "hard wired" or "programmed" into the genes, and differ chiefly in the degree to which they vary and in the degree to which they are elicited by specific environmental events. For example, reflexes are less variable than inherited behavior traits, with fixed action patterns falling between the two.

[Add Question Here](#)

Question 69

Essay

0 points

[Modify](#)

[Remove](#)

Question The phrase "survival of the fittest" is often interpreted to mean that natural selection is the result of a kind of combat. What would be a more accurate interpretation of the phrase?

Answer This question is hinted at in review question number 4 about the field mouse. The "fittest" individuals are those most likely to produce young that survive and reproduce. Survival of the fittest does not mean survival of the strongest or most savage, but those most likely to produce offspring that reach reproductive age.

[Add Question Here](#)

Question 70

Essay

0 points

[Modify](#)

[Remove](#)

Question What was Bertrand Russell's point when he noted that it is philosophers, not protozoans, who assure us that humans are superior to other animals.

Answer This question refers to the box on page 29. Russell was suggesting that judgment about the superiority of a particular species must necessarily be made from the biased perspective of the species making the judgment. Through the eyes of a baboon, the baboon might be the highest form of animal life.

[Add Question Here](#)