Name Chapter 1: The Major Issues

Description
Instructions Modify

Add Question Here

Question 1 **True/False** **0 points** Modify Remove

Question Neuroscientists are more interested in studying behavior than biological psychologists.
Answer
True
✓ False

Add Question Here

Question 2 **True/False** **0 points** Modify Remove

Question According to Tinbergen, a physiological explanation describes why a structure or behavior evolved as it did.
Answer
True
✓ False

Add Question Here

Question 3 **True/False** **0 points** Modify Remove

Question An evolutionary explanation describes why a structure or behavior evolved.
Answer
True
✓ False

Add Question Here

Question 4 **True/False** **0 points** Modify Remove

Question An ontogenetic explanation is one that describes the development of a structure or behavior.
Answer
✓ True
False

Add Question Here

Question 5 **True/False** **0 points** Modify Remove

Question A functional explanation describes why a structure or behavior evolved as it did.
Answer
✓ True
False

Add Question Here

Question 6 **True/False** **0 points** Modify Remove

Question Genetic drift is more likely to occur in small populations.
Answer
✓ True
False

Add Question Here

Question 7 **True/False** **0 points** Modify Remove

Question Materialism is one form of dualism.
Answer
True
✓ False

Add Question Here

Question 8 **True/False** **0 points** Modify Remove

Question Mentalism refers to the view that only the mind really exists and that the physical world could not exist unless some mind were aware of it.
Answer
✓ True
False

Add Question Here

Question 9 **True/False** **0 points** Modify Remove

Question Mental experiences are easily separable from brain activity.
Answer
True
✓ False

Add Question Here

Question 10 **True/False** **0 points** Modify Remove

Question Solipsism is the idea that consciousness can be explained in physical terms.
Answer
True
✓ False

Add Question Here

Question 11 **True/False** **0 points** Modify Remove

Question According to David Chalmers, the “hard problem” is knowing how to explain differences in levels of consciousness such as between wakefulness and sleep.
Answer
True
✓ False

Add Question Here

True/False **0 points** Modify Remove

Question 12

Question Psychiatrists are medical doctors.
Answer
✔ True
False

Add Question Here

Question 13 **True/False** **0 points** Modify Remove

Question Genes are the units of heredity.
Answer
✔ True
False

Add Question Here

Question 14 **True/False** **0 points** Modify Remove

Question A strand of DNA serves as a template (model) for the synthesis of RNA molecules.
Answer
✔ True
False

Add Question Here

Question 15 **True/False** **0 points** Modify Remove

Question It is possible for two heterozygous brown-eyed parents to have blue-eyed children.
Answer
✔ True
False

Add Question Here

Question 16 **True/False** **0 points** Modify Remove

Question If both parents are heterozygous, then all of their children should be homozygous.
Answer
True
✔ False

Add Question Here

Question 17 **True/False** **0 points** Modify Remove

Question The sex chromosomes X and Y are known as autosomal genes.
Answer
True
✔ False

Add Question Here

Question 18 **True/False** **0 points** Modify Remove

Question Sex-linked genes are usually found on the Y chromosome.
Answer
True
✔ False

Add Question Here

Question 19 **True/False** **0 points** Modify Remove

Question When chromosomes cross over, it is more likely to affect genes that are on separate chromosomes than genes that are on the same chromosome.
Answer
✔ True
False

Add Question Here

Question 20 **True/False** **0 points** Modify Remove

Question The genetic sex of an offspring is determined primarily by the sex chromosome contributed by the mother.
Answer
True
✔ False

Add Question Here

Question 21 **True/False** **0 points** Modify Remove

Question Sex-limited genes are found only on the X and Y chromosome.
Answer
True
✔ False

Add Question Here

Question 22 **True/False** **0 points** Modify Remove

Question To determine the contributions of heredity and environment, researchers rely mainly on studies of monozygotic and dizygotic twins.
Answer
✔ True
False

Add Question Here

Question 23 **True/False** **0 points** Modify Remove

Question The multiplier effect refers to genetic influences that are magnified by environmental influences.
Answer
✔ True
False

Add Question Here

Question 24 **True/False** **0 points** Modify Remove

Question The damaging effects of phenylalanine in children with PKU are unavoidable.

Answer

True
✓ False

Add Question Here

Question 25 **True/False** **0 points** Modify Remove

Question Genes become more prevalent in a population if they contribute to reproductive success.

Answer

✓ True
False

Add Question Here

Question 26 **True/False** **0 points** Modify Remove

Question Humans have stopped evolving.

Answer

True
✓ False

Add Question Here

Question 27 **True/False** **0 points** Modify Remove

Question Evolutionary psychology deals with how behaviors have evolved, especially social behaviors.

Answer

✓ True
False

Add Question Here

Question 28 **True/False** **0 points** Modify Remove

Question Research scientists are free to do as they wish when conducting research with animals.

Answer

True
✓ False

Add Question Here

Question 29 **Multiple Choice** **0 points** Modify Remove

Question Biological psychologists are primarily interested in the:

Answer

social influence on attitudes.
✓ "animals roots" of behavior.
use of reinforcement to change behavior.
mental well-being of plants.

Add Question Here

Question 30 **Multiple Choice** **0 points** Modify Remove

Question "Animals roots" of behavior the primary interests of::

Answer

psychologists
neurologists
✓ biological psychologists
anatomists

Add Question Here

Question 31 **Multiple Choice** **0 points** Modify Remove

Question The primary difference between biological psychologists and neuroscientists is that biological psychologists place greater emphasis on studying:

Answer

chemistry.
anatomy.
neurology.
✓ behavior.

Add Question Here

Question 32 **Multiple Choice** **0 points** Modify Remove

Question The primary difference between neuroscientists and biological psychologists is that neuroscientists place greater emphasis on studying:

Answer

chemistry.
✓ anatomy.
neurology.
behavior.

Add Question Here

Question 33 **Multiple Choice** **0 points** Modify Remove

Question Jill is interested in studying how hormones influence sexual behavior of rats. Jill is most likely a:

Answer

✓ biological psychologist.
neuroscientist.
clinical psychologist.
psychiatrist.

Add Question Here

Question 34 **Multiple Choice** **0 points** Modify Remove

Question How are biological psychology and cosmology related?

Answer

they both explain evolution
✓ cosmologists ask why matter exists and biological psychologists ask how it relates to behavior
cosmologists predict future events, while biological psychologists explain past events
there is no relationship between them

Add Question Here

Question 35 **Multiple Choice** **0 points** Modify Remove

Question Cosmology is to “universe” as biological psychology is to:

Answer

neuroscience.
chemistry.
✓ consciousness.
astrology.

Add Question Here

Question 36 **Multiple Choice** **0 points** Modify Remove

Question If a person believes that hormones released at different stages of the menstrual cycle affect a person’s mood, then it would be considered a(n) ____ explanation.

Answer

functional
ontogenetic
✓ physiological
evolutionary

Add Question Here

Question 37 **Multiple Choice** **0 points** Modify Remove

Question A ____ explanation describes why a structure or behavior evolved as it did.

Answer

✓ functional
ontogenetic
physiological
evolutionary

Add Question Here

Question 38 **Multiple Choice** **0 points** Modify Remove

Question An ____ describes how a structure or behavior develops, including the influences of genes, nutrition, experiences, and their interactions.

Answer

functional
✓ ontogenetic
physiological
evolutionary

Add Question Here

Question 39 **Multiple Choice** **0 points** Modify Remove

Question Understanding how genes, nutrition, and experience work together to produce a tendency toward a particular sexual orientation is an example of a(n) ____ explanation.

Answer

✓ ontogenetic
evolutionary
functional
common sense

Add Question Here

Question 40 **Multiple Choice** **0 points** Modify Remove

Question Which type of explanation describes how a structure or behavior develops?

Answer

physiological
✓ ontogenetic
evolutionary
functional

Add Question Here

Question 41 **Multiple Choice** **0 points** Modify Remove

Question Which type of explanation would describe eating in terms of the hypothalamus affecting insulin production which affects the availability of glucose in cells?

Answer

✓ physiological
ontogenetic
evolutionary
functional

Add Question Here

Question 42 **Multiple Choice** **0 points** Modify Remove

Question Explaining differences in running speed as a function of differences in muscle fiber types is an example of a(n) ____ explanation.

Answer

ontogenetic
✓ physiological
evolutionary
functional

Add Question Here

Question 43 - **Multiple Choice** **0 points** Modify Remove

Question Understanding differences in intelligence as a function of early learning experiences is an example of a(n) ____ explanation.

Answer

✓ ontogenetic
physiological
functional
evolutionary

Add Question Here

Question 44 - **Multiple Choice** **0 points** Modify Remove

Question A person who studies the influence of genetic predisposition to be aggressive in combination with early aggressive experiences is seeking for a(n) ____ explanation.

Answer

physiological
behavioral
evolutionary
✓ ontogenetic

Add Question Here

Question 45 - **Multiple Choice** **0 points** Modify Remove

Question Mapping out the relationship between shared bone structures across different species suggests there is a(n) ____ explanation.

Answer

ontogenetic
✓ evolutionary
behavioral
physiological

Add Question Here

Question 46 - **Multiple Choice** **0 points** Modify Remove

Question An evolutionary explanation of why we get goose bumps when cold is that:

Answer

the sympathetic nervous system is activated.
✓ we inherited the mechanism from our remote ancestors who had more hair.
it keeps us warm.
children are often raised in cold environments.

Add Question Here

Question 47 - **Multiple Choice** **0 points** Modify Remove

Question Having camouflage that matches an animal's typical surroundings in order to provide protection from predators is an example of a(n) ____ explanation.

Answer

evolutionary
✓ functional
ontogenetic
physiological

Add Question Here

Question 48 - **Multiple Choice** **0 points** Modify Remove

Question A functional explanation of why giraffes have such long necks is that:

Answer

it lowers the blood pressure in their brains.
their necks became longer because they stretched them.
✓ it allows them greater access to their food supply.
parent giraffes make their babies reach for food.

Add Question Here

Question 49 - **Multiple Choice** **0 points** Modify Remove

Question How human language develops as the result of genes and the opportunity to hear language during a sensitive period in early life is an example of a(n) ____ explanation.

Answer

physiological
✓ ontogenetic
evolutionary
functional

Add Question Here

Question 50 - **Multiple Choice** **0 points** Modify Remove

Question Which type of explanation might describe the presence of a behavior in a particular species by showing how that behavior increased the reproductive success of the species?

Answer

physiological
ontogenetic
✓ evolutionary
solipsistic

Add Question Here

Question 51 - **Multiple Choice** **0 points** Modify Remove

Question Which type of explanation describes the advantages provided by a particular structure or behavior?

Answer

physiological
ontogenetic
evolutionary
✓ functional

Add Question Here

Question 52 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is TRUE about genetic drift?

Answer
- It occurs more often in large populations.
- It occurs when species move to a new location.
- It takes thousands of years to happen.
- ✓ It occurs more often in small populations.

Add Question Here

Question 53 **Multiple Choice** **0 points** Modify Remove

Question In a small population of sheep, the dominant male may produce many more offspring than the other males, spreading his genes. This is an example of:

Answer
- physiological explanation.
- artificial selection.
- ✓ genetic drift.
- recombination.

Add Question Here

Question 54 **Multiple Choice** **0 points** Modify Remove

Question The amygdala appears to be an important part of the brain for experiencing fear. Which of the following is an example of a functional explanation of fear?

Answer
- describing the anatomical connections between the amygdala and other parts of the brain
- describing the neurotransmitters involved in the activity of the amygdala
- ✓ describing why fear improves the chances for survival
- describing how fears develop in infancy

Add Question Here

Question 55 **Multiple Choice** **0 points** Modify Remove

Question A ____ explanation of human behavior is often controversial, because many behaviors alleged to be part of our evolutionary heritage could have been learned instead.

Answer
- physiological
- ontogenetic
- evolutionary
- ✓ functional

Add Question Here

Question 56 **Multiple Choice** **0 points** Modify Remove

Question In most bird species, only the male sings and then only in his territory during the reproductive season. This is to attract females and to ward off other males, which serves to improve their chances of mating. This behavior demonstrates:

Answer
- that physiological explanations are preferred over other kinds of explanations.
- learning during a critical period.
- that physiological, ontogenetic, evolutionary, and functional explanations are mutually exclusive.
- ✓ how physiological, ontogenetic, evolutionary, and functional explanations can all be used to explain the same behavior.

Add Question Here

Question 57 **Multiple Choice** **0 points** Modify Remove

Question In certain species of songbirds, development of the song requires the opportunity to hear the appropriate song during a sensitive period in life as well as the genes to prepare them to learn the song. This is a(n) ____ explanation of birdsong.

Answer
- physiological
- ✓ ontogenetic
- evolutionary
- functional

Add Question Here

Question 58 **Multiple Choice** **0 points** Modify Remove

Question Which of the following would be a functional explanation for why birds sing?

Answer
- Testosterone causes the growth of certain brain areas which control singing in certain birds.
- Birds sing due to instinct.
- Birds sing because they hear their song early in life and form a template which controls later singing.
- ✓ Birds sing to defend territories and attract mates.

Add Question Here

Question 59 **Multiple Choice** **0 points** Modify Remove

Question Which of the following would be a physiological explanation for why birds sing?

Answer
- ✓ Testosterone causes the growth of certain brain areas which control singing in certain birds.
- Birds sing due to instinct.
- Birds sing because they hear their song early in life and form a template which controls later singing.
- Birds sing to defend territories and attract mates.

Add Question Here

Question 60 **Multiple Choice** **0 points** Modify Remove

Question An adult male sparrow sings its normal song:

Answer
- ✓ if he hears the song during a sensitive period early in his life.
- only when he hears a female bird singing.

if his own species' song is the first song he hears when young.
regardless of whether or not he has ever heard his species' song from another bird.

Add Question Here

Question 61 **Multiple Choice** **0 points** Modify Remove

Question Dualism is the belief that:

Answer
- mind and body are one and the same.
- mind is an accidental byproduct of brain functioning.
- ✓ mind and body are different in substance.
- the mind does not exist.

Add Question Here

Question 62 **Multiple Choice** **0 points** Modify Remove

Question The notion that the mind and body are different in substance is called ____.

Answer
- soulism
- parallelism
- monism
- ✓ dualism

Add Question Here

Question 63 **Multiple Choice** **0 points** Modify Remove

Question Although Rene Descartes was a dualist, what troubled him most about the mind-brain relationship?

Answer
- ✓ how an immaterial mind could influence a physical brain
- how a physical brain could act on a physical body
- that no one agreed with his ideas
- that we can't see mental events

Add Question Here

Question 64 **Multiple Choice** **0 points** Modify Remove

Question According to Descartes, the Pineal Gland is ____ .

Answer
- the seat of memory
- not important
- the seat of the mind
- ✓ where the mind and brain interact

Add Question Here

Question 65 **Multiple Choice** **0 points** Modify Remove

Question Descartes suggested that the mind and brain interact in the:

Answer
- mamillary bodies
- ✓ pineal gland
- hypothalamus
- medulla

Add Question Here

Question 66 **Multiple Choice** **0 points** Modify Remove

Question Descartes thought that the most problematic issue facing dualism was:

Answer
- finding two parts of the brain that were connected to each other.
- discovering how neurons work.
- ✓ how an immaterial mind could influence a physical brain.
- finding the smallest unpaired structure in the brain.

Add Question Here

Question 67 **Multiple Choice** **0 points** Modify Remove

Question For Descartes, the most problematic issue facing dualism was:

Answer
- finding two parts of the brain that were connected to each other.
- discovering how neurons work.
- ✓ how an immaterial mind could influence a physical brain.
- finding the smallest unpaired structure in the brain.

Add Question Here

Question 68 **Multiple Choice** **0 points** Modify Remove

Question The reason nearly all neuroscientists reject dualism is that:

Answer
- ✓ it conflicts with the law of conservation of matter and energy.
- the mind and brain interact, but not in the ways that interest neuroscientists.
- the mind exists only in our imagination.
- it conflicts with the all-or-none law of the axon.

Add Question Here

Question 69 **Multiple Choice** **0 points** Modify Remove

Question Monism is the belief that:

Answer
- ✓ mind and body are one and the same.
- mind is an accidental byproduct of brain functioning.
- mind and body are different in substance.
- the mind does not exist.

Add Question Here

Question 70 **Multiple Choice** **0 points** Modify Remove

Question If you believe the mind and the brain to be separate, but somehow interact with each other, you would be considered a:

Answer

✓ dualist.
materialist.
monist.
separatist.

Add Question Here

Question 71 **Multiple Choice** **0 points** Modify Remove

Question Mentalism refers to:

Answer

✓ the view that only the mind really exists and that the physical world could not exist unless some mind were aware of it.
the view that everything that exists is material, or physical.
the view that mental processes and certain kinds of brain processes are the same thing, described in different terms.
the belief that mind and body are different kinds of substance that exist independently.

Add Question Here

Question 72 **Multiple Choice** **0 points** Modify Remove

Question A monist believes that mind and body are:

Answer

✓ the same thing.
separate but overlapping.
separate but they interact.
two distinct entities, with no connection whatsoever.

Add Question Here

Question 73 **Multiple Choice** **0 points** Modify Remove

Question Dualism is to bicycle as monism is to:

Answer

✓ unicycle.
tricycle.
skateboard.
scooter.

Add Question Here

Question 74 **Multiple Choice** **0 points** Modify Remove

Question The belief that everything that exists is physical is:

Answer

dualism.
✓ materialism.
mentalism.
Descartism.

Add Question Here

Question 75 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is NOT a form of monism?

Answer

materialism
mentalism
identity position
✓ solipsism

Add Question Here

Question 76 **Multiple Choice** **0 points** Modify Remove

Question Which of the following positions would most likely be considered the opposite of materialism?

Answer

monism
✓ mentalism
identity position
solipsism

Add Question Here

Question 77 **Multiple Choice** **0 points** Modify Remove

Question Chocolate can be described in terms of the chemicals that comprise it or in terms of how good it tastes. These different descriptions of the same thing are comparable to how differently some people describe mental processes and brain activities, according to:

Answer

mentalism.
dualism.
✓ identity position.
materialism.

Add Question Here

Question 78 **Multiple Choice** **0 points** Modify Remove

Question Questioning whether other people (or animals) possess consciousness is known as:

Answer

solipsism.
✓ the problem of other minds.
the easy problems.
mentalism.

Add Question Here

Question 79 - **Multiple Choice** **0 points** Modify Remove

Question If you are unsure whether or not the physical world really exists outside of your mind, you would be considered a(n):

Answer

- universalist.
- dualist.
- materialist.
- ✔ mentalist.

Add Question Here

Question 80 - **Multiple Choice** **0 points** Modify Remove

Question Professor Jones suggests that the fright you experience when confronted by a burglar is the same thing as the pattern of activity in your brain at that time. What form of monism is this?

Answer

- mentality
- mentalism
- ✔ identify position
- law of conservation

Add Question Here

Question 81 - **Multiple Choice** **0 points** Modify Remove

Question Solipsism is the position that:

Answer

- people experience consciousness.
- it is difficult to know whether other people have conscious experiences.
- ✔ I alone have consciousness.
- neither dualism nor monism is correct.

Add Question Here

Question 82 - **Multiple Choice** **0 points** Modify Remove

Question Believing that you, alone, are conscious (and no one else) is known as:

Answer

- ✔ solipsism.
- mentalism.
- monism.
- dualism.

Add Question Here

Question 83 - **Multiple Choice** **0 points** Modify Remove

Question Two people arguing over whether or not a rat has conscious experiences are arguing about:

Answer

- mentalism.
- ✔ the problem of other minds.
- Descartism.
- artificial intelligence.

Add Question Here

Question 84 - **Multiple Choice** **0 points** Modify Remove

Question According to David Chalmers, consciousness is:

Answer

- ✔ a fundamental property of matter.
- not necessary for brain functioning.
- easy to observe.
- independent of the brain.

Add Question Here

Question 85 - **Multiple Choice** **0 points** Modify Remove

Question Chalmers' fundamental "hard problem" is:

Answer

- knowing why we sleep.
- understanding how neurotransmitters are created.
- wondering how someone could be a dualist.
- ✔ why and how brain activity is associated with consciousness.

Add Question Here

Question 86 - **Multiple Choice** **0 points** Modify Remove

Question According to Chalmers, knowing why and how brain activity is associated with consciousness is the:

Answer

- mentalistic debate.
- ✔ hard problem.
- easy problem.
- problem of other minds.

Add Question Here

Question 87 - **Multiple Choice** **0 points** Modify Remove

Question The fundamental "hard problem" according to Chalmers is:

Answer

- knowing why we sleep.
- understanding how neurotransmitters are created.
- wondering how someone could be a dualist.
- ✔ why and how brain activity is associated with consciousness.

Add Question Here

Question 88 - **Multiple Choice** **0 points** Modify Remove

Question A researcher is interested in how the nervous system responds when the organism is in a certain emotional situation. This researcher might be identified as a(n):

Answer

- ✓ neuroscientist.
- neurosurgeon.
- sociobiologist.
- comparative psychologist.

Add Question Here

Question 89 **Multiple Choice** **0 points** Modify Remove

Question Someone who investigates how the functioning of the brain and other organs influences behavior is called a:

Answer

- sociobiologist.
- neuropsychologist.
- ✓ behavioral neuroscientist.
- comparative psychologist.

Add Question Here

Question 90 **Multiple Choice** **0 points** Modify Remove

Question Which of the following describes a neuropsychologist?

Answer

- has an M.D. and specializes in the treatment of brain damage
- conducts research on animal behavior (similar to an ethologist)
- is more often a teacher than a practitioner
- ✓ tests the abilities and disabilities of brain-damaged people

Add Question Here

Question 91 **Multiple Choice** **0 points** Modify Remove

Question A comparative psychologist:

Answer

- compares the reactions different people have in similar situations.
- ✓ considers the evolutionary histories of different species and their behaviors.
- compares nervous system responses of different people.
- helps people with emotional distress.

Add Question Here

Question 92 **Multiple Choice** **0 points** Modify Remove

Question A medical degree is MOST likely held by which specialists?

Answer

- behavioral neuroscientist
- ✓ neurologist
- biopsychologist
- neuropsychologist

Add Question Here

Question 93 **Multiple Choice** **0 points** Modify Remove

Question Which of the following specialists is MOST likely to hold a medical degree?

Answer

- behavioral neuroscientist
- ✓ neurologist
- biopsychologist
- neuropsychologist

Add Question Here

Question 94 **Multiple Choice** **0 points** Modify Remove

Question Which of the following specialists is MOST likely to work with people with brain damage?

Answer

- comparative psychologist
- biopsychologist
- ✓ neuropsychologist
- psychobiologist

Add Question Here

Question 95 **Multiple Choice** **0 points** Modify Remove

Question A psychiatrist:

Answer

- ✓ helps people with emotional distress.
- performs brain surgery.
- treats people with brain damage.
- relates behaviors to the functions they have served in their evolutionary past.

Add Question Here

Question 96 **Multiple Choice** **0 points** Modify Remove

Question Which of the following specialists would be MOST interested in changes in heart rate when students are taking an exam?

Answer

- neurologist
- sociobiologist
- ✓ psychophysiologist
- neuroscientist

Add Question Here

Question 97 **Multiple Choice** **0 points** Modify Remove

Question Of the following, which person is MOST likely to deal exclusively with brain disorders?

Answer
social worker
physical therapist
clinical psychologist
✓ neurologist

Add Question Here

Question 98 **Multiple Choice** **0 points** Modify Remove

Question Which of the following careers is MOST different than the others?
Answer
Behavioral neuroscientist
Neuropsychologist
Psychophysiologist
✓ Psychiatrist

Add Question Here

Question 99 **Multiple Choice** **0 points** Modify Remove

Question The results of several studies of facial expressions in people who were born blind suggest?
Answer
a minor role for genetics in the control of facial expressions
✓ a major role for genetics as well as environment in the control of facial expressions
no role of genetics in the control of facial expressions
no role of genetics but a major role of environment in the control of facial expressions

Add Question Here

Question 100 **Multiple Choice** **0 points** Modify Remove

Question Units of heredity that maintain their structural identity from one generation to another are:
Answer
enzymes.
mutations.
nucleic acids.
✓ genes.

Add Question Here

Question 101 **Multiple Choice** **0 points** Modify Remove

Question What are chromosomes composed of?
Answer
✓ DNA
RNA
proteins
carbohydrates

Add Question Here

Question 102 **Multiple Choice** **0 points** Modify Remove

Question Chromosomes consist of large, double-stranded molecules of:
Answer
✓ deoxyribonucleic acid.
ribonucleic acid.
autosomal genes.
recombination genes.

Add Question Here

Question 103 **Multiple Choice** **0 points** Modify Remove

Question A strand of DNA serves as a template (model) for the synthesis of ____.
Answer
chromosomes
✓ RNA
proteins
carbohydrates

Add Question Here

Question 104 **Multiple Choice** **0 points** Modify Remove

Question Biological catalysts that regulate chemical reactions in the body are called?
Answer
✓ enzymes
DNA
RNA
nuclei

Add Question Here

Question 105 **Multiple Choice** **0 points** Modify Remove

Question Enzymes serve as ____.
Answer
genetic templates
physiological markers of chemical reactions in the body
✓ biological catalysts that regulate chemical reactions in the body
catalysts for the synthesis of protein molecules

Add Question Here

Question 106 **Multiple Choice** **0 points** Modify Remove

Question Interruption of the production of RNA would directly affect which of the following?
Answer
✓ protein synthesis
carbohydrate production

sex hormone release
production of DNA

Add Question Here

Question 107 **Multiple Choice** **0 points** Modify Remove

Question Chemically, what is the route from genes to their expression?

Answer

DNA to proteins to RNA
✓ DNA to RNA to proteins
proteins to DNA to RNA
RNA to DNA to proteins

Add Question Here

Question 108 **Multiple Choice** **0 points** Modify Remove

Question RNA is:

Answer

an exact copy of DNA.
✓ a complementary copy of one strand of a DNA molecule.
a combination of many proteins.
the product of digesting DNA.

Add Question Here

Question 109 **Multiple Choice** **0 points** Modify Remove

Question A person with two recessive genes is considered to be ____ for that trait.

Answer

✓ homozygous
heterozygous
unitary
marginal

Add Question Here

Question 110 **Multiple Choice** **0 points** Modify Remove

Question Recessive genes manifest their effects only when the individual is ____ for them.

Answer

sex limited
homo sapien
✓ homozygous
heterozygous

Add Question Here

Question 111 **Multiple Choice** **0 points** Modify Remove

Question Suppose "A" is a dominant gene and "a" is a recessive gene. One parent has genes Aa and the other parent has genes aa. What genes will the children probably have?

Answer

All will be AA.
All will be aa.
Three-fourths will be Aa, one-fourth aa.
✓ Half will be Aa, half aa.

Add Question Here

Question 112 **Multiple Choice** **0 points** Modify Remove

Question Suppose "A" is a dominant gene for the ability to taste phenylthiocarbamide and "a" is a recessive gene for inability to taste it. Which of the following couples could possibly have both a child who tastes it and a child who does not?

Answer

father AA, mother aa
father Aa, mother AA
✓ father Aa, mother Aa
father AA, mother AA

Add Question Here

Question 113 **Multiple Choice** **0 points** Modify Remove

Question Suppose "A" is a dominant gene for the ability to curl the tongue lengthwise, and "a" is a recessive gene for inability to do so. Which of the following couples can be certain that all their children will be able to curl their tongue lengthwise?

Answer

✓ father aa, mother AA
father Aa, mother Aa
father aa, mother aa
father Aa, mother aa

Add Question Here

Question 114 **Multiple Choice** **0 points** Modify Remove

Question Suppose both the father and the mother are "heterozygous" for the gene that controls ability to curl the tongue lengthwise, and this gene is dominant. What can we predict about their children?

Answer

All will be heterozygous for the ability to curl.
All will be homozygous for the ability to curl.
All will be homozygous for the inability to curl.
✓ They may be homozygous or heterozygous for ability to curl, or homozygous for inability.

Add Question Here

Question 115 **Multiple Choice** **0 points** Modify Remove

Question In one family, all three children are homozygous for a recessive gene. What can be concluded about the parents?

Answer

Each parent is also homozygous for the recessive gene.

Each parent is heterozygous.
One parent is homozygous for the dominant gene; the other is homozygous for the recessive gene.
✓ Each parent is either homozygous for the recessive gene or heterozygous.

Add Question Here

Question 116 **Multiple Choice** **0 points** Modify Remove

Question Suppose all people with blonde hair have blue eyes and all people with dark hair have brown eyes. If the genes for eye and hair color are on the same chromosome, then what would most likely happen if these chromosomes crossed over?

Answer

✓ hair and eye color could be inherited independently
all people with dark hair would have brown eyes
all people with blonde hair will have brown eyes
hair color would be dominant over eye color

Add Question Here

Question 117 **Multiple Choice** **0 points** Modify Remove

Question Suppose all people with blonde hair have blue eyes and all people with dark hair have brown eyes. Which of the following would be the most likely explanation?

Answer

hair color is dominant over eye color
there is no genetic variability in hair or eye color in the population
blue eyes are dominant over brown eyes
✓ hair and eye color are on the same chromosome

Add Question Here

Question 118 **Multiple Choice** **0 points** Modify Remove

Question A trait not expressed when combined with a dominant trait is called a(n) ____ trait.

Answer

nurture
✓ recessive
dominant
homozygous

Add Question Here

Question 119 **Multiple Choice** **0 points** Modify Remove

Question Suppose that adopted children are more similar to their biological parents than their adoptive parents in their preferences for a flavor of ice cream. Which of the following would be true?

Answer

✓ Heritability of this trait is high.
Preferences for ice cream are determined solely by the environment.
Flavors of ice cream are naturally selected.
Heritability of this trait is low.

Add Question Here

Question 120 **Multiple Choice** **0 points** Modify Remove

Question Almost all humans have 23 pairs of which of the following?

Answer

RNA
✓ chromosomes
genes
corduroys

Add Question Here

Question 121 **Multiple Choice** **0 points** Modify Remove

Question An autosomal gene is a gene:

Answer

on the X chromosome.
on the Y chromosome.
✓ on any chromosome other than the X or Y chromosome.
that shows no evidence of crossing over.

Add Question Here

Question 122 **Multiple Choice** **0 points** Modify Remove

Question Which of the following pairs of sex chromosomes would be found in a normal male mammal?

Answer

XX
✓ XY
YY
YZ

Add Question Here

Question 123 **Multiple Choice** **0 points** Modify Remove

Question In humans, which chromosome(s) contain(s) *few* genes?

Answer

All human chromosomes contain few genes.
Both the X and Y chromosomes contain few genes.
The X chromosome contains few genes.
✓ The Y chromosome contains few genes.

Add Question Here

Question 124 **Multiple Choice** **0 points** Modify Remove

Question In general, when biologists speak of sex-linked genes they are referring to genes on:

Answer

autosomal chromosomes.
more than one chromosome.
✔ the X chromosome.
the Y chromosome.

Add Question Here

Question 125 **Multiple Choice** **0 points** Modify Remove

Question If a characteristic is controlled by an X-linked recessive gene, it produces its apparent effects:
Answer
✔ more often in males.
more often in females.
only in childhood.
only after puberty.

Add Question Here

Question 126 **Multiple Choice** **0 points** Modify Remove

Question An example of a sex-linked trait is:
Answer
eye color.
✔ color vision deficiency.
temperament.
intelligence.

Add Question Here

Question 127 **Multiple Choice** **0 points** Modify Remove

Question Color vision deficiency is more common in males than in females because it is controlled by a:
Answer
sex-limited gene.
Y-linked gene.
dominant X-linked gene.
✔ recessive X-linked gene.

Add Question Here

Question 128 **Multiple Choice** **0 points** Modify Remove

Question Genes located on the sex chromosomes are called:
Answer
✔ sex-linked.
sex-limited.
autosomal.
recombination.

Add Question Here

Question 129 **Multiple Choice** **0 points** Modify Remove

Question Males are more likely than females to exhibit color vision deficiency because of a gene that is:
Answer
sex-limited.
✔ recessive and sex-linked.
crossing over.
dominant and sex-linked.

Add Question Here

Question 130 **Multiple Choice** **0 points** Modify Remove

Question Sex-limited genes are found on:
Answer
X chromosomes only.
Y chromosomes only.
X AND Y chromosomes.
✔ any chromosomes.

Add Question Here

Question 131 **Multiple Choice** **0 points** Modify Remove

Question Sex-limited genes are present?
Answer
in males only
in females only
✔ in both sexes
on enzymes

Add Question Here

Question 132 **Multiple Choice** **0 points** Modify Remove

Question A gene is found that controls the age at which a man grows bald, if at all. That gene seldom affects women, even if they have the gene. What kind of gene is this MOST likely to be?
Answer
an X-linked gene
✔ a sex-limited gene
a sex-linked dominant gene
a sex-linked recessive gene

Add Question Here

Question 133 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is the BEST explanation for why males can grow breasts under certain hormonal conditions?
Answer
Sex-linked genes become activated.

The Y chromosome becomes activated.
✓ Sex-limited genes become activated.
Breast growth is linked to color vision deficiency.

Add Question Here

Question 134 **Multiple Choice** **0 points** Modify Remove

Question Under what conditions are the effects of sex-limited genes demonstrated?

Answer
when they are dominant
when they are homozygous
✓ when particular hormones are present
when they appear on the X chromosome

Add Question Here

Question 135 **Multiple Choice** **0 points** Modify Remove

Question On a given trait, high heritability suggests that:

Answer
✓ adopted children will closely resemble their biological parents.
adopted children will closely resemble their adoptive parents.
identical twins will be less similar to each other than adopted siblings.
fraternal twins will be more similar to each other than identical twins.

Add Question Here

Question 136 **Multiple Choice** **0 points** Modify Remove

Question What are the chances of having a child with at least one dominant gene if both parents are heterozygous?

Answer
25%
50%
✓ 75%
100%

Add Question Here

Question 137 **Multiple Choice** **0 points** Modify Remove

Question If a group of individuals shares a highly similar environment, what effect does this have on the heritability estimate of a characteristic?

Answer
Heritability will be low.
✓ Heritability will be high.
Heritability estimates will be unaffected.
It is determined by the power of the environmental factors.

Add Question Here

Question 138 **Multiple Choice** **0 points** Modify Remove

Question For a group of individuals, the heritability score for a particular trait = .5. What can be said about the heredity of this trait?

Answer
Hereditary differences account for all of the observed differences for this group of individuals.
Hereditary differences account for none of the observed differences for this group of individuals.
✓ Hereditary differences account for some of the observed differences for this group of individuals.
The differences found within this group are mostly due to differences in the environment.

Add Question Here

Question 139 **Multiple Choice** **0 points** Modify Remove

Question What is the relationship between heritability estimates and environmental factors?

Answer
✓ High environmental consistency raises heritability estimates.
High environmental consistency lowers heritability estimates.
Environments have no effect on heritability estimates.
The effects of the environment on heritability estimates are unpredictable.

Add Question Here

Question 140 **Multiple Choice** **0 points** Modify Remove

Question If a trait has high heritability:

Answer
hereditary differences account for none of the observed variations in that characteristic within that population.
the environment cannot influence that trait.
✓ it is still possible for the environment to influence that trait.
the trait is not influenced by heredity.

Add Question Here

Question 141 **Multiple Choice** **0 points** Modify Remove

Question Which of the following would contribute to an overestimation of heritability?

Answer
increasing the genetic similarity between people
eliminating the multiplier effect
overestimating the effect of the environment
✓ ignoring the effect of the prenatal environment

Add Question Here

Question 142 **Multiple Choice** **0 points** Modify Remove

Question Which of the following factors, if overlooked, may lead to an overestimation of heritability?

Answer
✓ prenatal environment
low IQ

sex-linked genes
RNA

Add Question Here

Question 143 **Multiple Choice** **0 points** Modify Remove

Question Being born with greater athletic ability may make it more likely that a person will participate in sports and develop even greater athletic ability. The opportunity to play sports increased the apparent effect of genes, which illustrates the ____ effect.

Answer

additive
✓ multiplier
subtractive
heritability

Add Question Here

Question 144 **Multiple Choice** **0 points** Modify Remove

Question Being born with long fingers may make it more likely that you'll be invited to play a stringed instrument, which would increase amount of time you practice the instrument, which would increase the chance of you playing in a famous orchestra. The magnification of this genetic advantage (having long fingers) by the environment is known as the:

Answer

zoom effect.
✓ multiplier effect.
division effect.
Beethoven effect.

Add Question Here

Question 145 **Multiple Choice** **0 points** Modify Remove

Question Which one of the following statements is TRUE about PKU?

Answer

✓ genetic inability to metabolize the amino acid phenylalanine
measurement of brain activity
not a hereditary condition
does not need to be treated

Add Question Here

Question 146 **Multiple Choice** **0 points** Modify Remove

Question Individuals afflicted with PKU need to avoid:

Answer

✓ foods high in phenylalanine.
foods high in vitamin K.
alcohol.
sunlight.

Add Question Here

Question 147 **Multiple Choice** **0 points** Modify Remove

Question Why do children with PKU become mentally retarded?

Answer

✓ Unmetabolized amino acids accumulate and affect the brain.
Essential axons lack myelin sheaths.
Dendrites and synapses fail to form in associative areas of the cortex.
Their immune systems do not fight off brain infections.

Add Question Here

Question 148 **Multiple Choice** **0 points** Modify Remove

Question What is TRUE about a newborn baby with PKU?

Answer

It is already, irreversibly mentally retarded.
It is not mentally retarded, but inevitably will become mentally retarded.
It can avoid becoming mentally retarded by special education.
✓ It can avoid becoming mentally retarded by following a strict diet.

Add Question Here

Question 149 **Multiple Choice** **0 points** Modify Remove

Question How is it possible to prevent the mental retardation that is generally associated with PKU?

Answer

through exercise
✓ through diet
through drugs
through exposure to bright light

Add Question Here

Question 150 **Multiple Choice** **0 points** Modify Remove

Question Untreated PKU will result in?

Answer

a loss of phenylalanine
✓ impaired brain development
temporary loss of memory
enhanced brain development

Add Question Here

Question 151 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is an example of a genetically controlled condition that can be minimized by following a particular diet?

Answer

Down syndrome

color-blindness
epilepsy
✔ phenylketonuria (PKU)

Add Question Here

Question 152 **Multiple Choice** **0 points** Modify Remove

Question Someone claims that if genes control a condition, it can be controlled only by drugs or surgery, but not by changes in the environment. Which of the following is the strongest example to CONTRADICT that claim?

Answer

color-blindness
eye color
✔ phenylketonuria (PKU)
Down syndrome

Add Question Here

Question 153 **Multiple Choice** **0 points** Modify Remove

Question For children with PKU on an ordinary diet, the heritability of PKU would be virtually ____.

Answer

zero
.5
✔ 1.0
impossible to calculate

Add Question Here

Question 154 **Multiple Choice** **0 points** Modify Remove

Question Changes in single genes are called?

Answer

alterations
✔ mutations
mendelians
enzymes

Add Question Here

Question 155 **Multiple Choice** **0 points** Modify Remove

Question Most mutations produce:

Answer

dominant genes.
✔ recessive genes.
sex-linked genes.
sex-limited genes.

Add Question Here

Question 156 **Multiple Choice** **0 points** Modify Remove

Question Mutations are:

Answer

a common occurrence in most single genes.
guided by the needs of the organism in its environment.
almost always beneficial to the organism.
✔ changes in single genes.

Add Question Here

Question 157 **Multiple Choice** **0 points** Modify Remove

Question To say that there is a "gene for blue eyes":

Answer

means that a gene directly produces blue eyes.
suggests dominance, since you only need one gene to express the trait.
suggests that other genes might produce blue eyes also.
✔ means that a gene indirectly produces blue eyes through a complex process of protein synthesis and environmental input.

Add Question Here

Question 158 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is NOT one of the many ways that genes can affect behavior?

Answer

Genes may affect neurotransmitter levels or receptors.
Genes can act indirectly by making it more likely you will be raised in a particular environment.
✔ Genes themselves cause behavior without any influence of the environment.
Genes produce proteins that may make it more likely for a person to become addicted.

Add Question Here

Question 159 **Multiple Choice** **0 points** Modify Remove

Question For natural selection to generate evolutionary change in a population:

Answer

there need not be any differences in the traits of individuals in that population.
the change in gene frequencies must help the species in the long run.
✔ the differences must have a hereditary basis.
the change in gene frequencies will probably be harmful to the species.

Add Question Here

Question 160 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is necessarily included in the concept of evolution?

Answer

species improvements from one generation to the next
"If you don't use it, you lose it."

✔ generationally changing frequencies of various genes in the population
improvements to the individual

Add Question Here

Question 161 **Multiple Choice** **0 points** Modify Remove

Question Which of the following BEST describes the concept of evolution?
Answer
"Survival of the fittest"
✔ "Reproduction of the fittest"
"If you don't use it, you lose it."
"Always look for ways to improve."

Add Question Here

Question 162 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is TRUE with respect to evolution?
Answer
"If you don't use it, you lose it."
✔ Evolutionary success is assessed by the number of one's offspring surviving to reproduce.
Evolution benefits the species, in the long run.
Evolution benefits the individual.

Add Question Here

Question 163 **Multiple Choice** **0 points** Modify Remove

Question What is it called when some animals are selectively bred because they possess some desirable characteristic?
Answer
evolution
natural selection
✔ artificial selection
artificial insemination

Add Question Here

Question 164 **Multiple Choice** **0 points** Modify Remove

Question Breeding some animals selectively because they possess some desirable characteristic is called?
Answer
evolution
natural selection
✔ artificial selection
artificial insemination

Add Question Here

Question 165 **Multiple Choice** **0 points** Modify Remove

Question Breeding particular cows together to create offspring that produce more milk is an example of:
Answer
natural selection.
✔ artificial selection.
evolution.
mutation.

Add Question Here

Question 166 **Multiple Choice** **0 points** Modify Remove

Question The primary difference between artificial selection and natural selection is:
Answer
artificial selection results in fewer mutations.
natural selection is faster.
artificial selection is ineffective.
✔ the factor that determines who will survive and reproduce.

Add Question Here

Question 167 **Multiple Choice** **0 points** Modify Remove

Question When a dog is bred for a particular trait, this is called:
Answer
✔ artificial selection.
evolution.
natural selection.
group selection.

Add Question Here

Question 168 **Multiple Choice** **0 points** Modify Remove

Question Which of the following represents Lamarckian evolution?
Answer
"Survival of the fittest"
"Reproduction of the fittest"
✔ "If you don't use it, you lose it"
"Look out for #1"

Add Question Here

Question 169 **Multiple Choice** **0 points** Modify Remove

Question The phrase "If you don't use it, you lose it" best represents ____?
Answer
✔ Lamarckian evolution
Darwinian evolution
Artificial evolution
Huxley's evolution

Add Question Here

Question 170 **Multiple Choice** **0 points** Modify Remove

Question The theory of evolution through the inheritance of acquired characteristics, is known as?

Answer

✓ Lamarckian evolution
Darwinian evolution
Artificial evolution
Huxley's evolution

Add Question Here

Question 171 **Multiple Choice** **0 points** Modify Remove

Question Which of the following theories would support the idea that by taking out a peoples' wisdom teeth, eventually fewer people will be born with them?

Answer

✓ Lamarckian evolution
Darwinism
natural selection
artificial selection

Add Question Here

Question 172 **Multiple Choice** **0 points** Modify Remove

Question More people would be born without an appendix if:

Answer

the appendix was removed before a person reproduced.
✓ a person who was born without an appendix reproduces more than people who have an appendix.
the appendix was removed after a person reproduced.
the appendix of healthy people was x-rayed.

Add Question Here

Question 173 **Multiple Choice** **0 points** Modify Remove

Question What supports the argument that humans have NOT stopped evolving?

Answer

Medicine and technology are keeping more people alive these days.
More mutations will occur because of increased use of pesticides.
✓ Evolution is based on reproduction rates so as long as some people have more children than others do, their genes will spread.
Humans are no longer subject to "survival of the fittest."

Add Question Here

Question 174 **Multiple Choice** **0 points** Modify Remove

Question Which of the following statements about evolution is TRUE?

Answer

Because having goose bumps isn't very effective in keeping us warm, soon people will be born without goose bumps.
Humans have stopped evolving.
Evolution means improvement.
✓ Genes in the previous generation may not be adaptive in future generations.

Add Question Here

Question 175 **Multiple Choice** **0 points** Modify Remove

Question Evolution improves the *fitness* of the population, which is defined as:

Answer

✓ the number of copies of one's genes that endure in later generations.
survival of the individual.
ability to adapt to a variety of environments.
overall health and well-being.

Add Question Here

Question 176 **Multiple Choice** **0 points** Modify Remove

Question An evolutionary psychologist would likely be most interested in studying:

Answer

✓ altruistic behavior of meerkats.
cardiovascular function across species.
anatomy of the rat brain.
neurotransmitters in primates.

Add Question Here

Question 177 **Multiple Choice** **0 points** Modify Remove

Question What is TRUE about altruistic behavior?

Answer

It is evident in every animal species.
It can be completely explained in terms of genetic contributions.
✓ It is difficult to explain from an evolutionary/genetic point of view.
It has a genetic component only in humans.

Add Question Here

Question 178 **Multiple Choice** **0 points** Modify Remove

Question Altruistic behavior is?

Answer

the idea that individuals help those who will return the favor
the selection for a gene that benefits an individual's relatives
an action that benefits the actor only
✓ an action that benefits someone other than the actor

Add Question Here

Question 179 - **Multiple Choice** **0 points** Modify Remove

Question Why is a genetic explanation for altruism problematic?

Answer

Only non-human animals exhibit altruistic behaviors.
✓ Altruistic behaviors rarely benefit the individual performing them.
Altruism is more common among the young than among adults.
No behavior has been linked to any genes.

Add Question Here

Question 180 - **Multiple Choice** **0 points** Modify Remove

Question Which of the following would be the BEST example of altruistic behavior?

Answer

bullying other kids in the lunch line
spreading rumors about your boss
picking up your room
✓ helping an elderly person across the street

Add Question Here

Question 181 - **Multiple Choice** **0 points** Modify Remove

Question When organisms help those they recognize as capable of returning the favor, this is termed:

Answer

kin selection.
group selection.
✓ reciprocal altruism.
Sociobiology.

Add Question Here

Question 182 - **Multiple Choice** **0 points** Modify Remove

Question Helping your neighbors (who are unrelated to you) rake their leaves because they helped you fix your car is an example of:

Answer

kin selection.
✓ reciprocal altruism.
natural selection.
group selection.

Add Question Here

Question 183 - **Multiple Choice** **0 points** Modify Remove

Question Kin selection as an explanation for altruistic behavior would argue that:

Answer

individuals help others who help them.
individuals pick their mates based on how altruistic they are.
✓ individuals spread their genes by helping their relatives.
society benefits as a whole when individuals help each other.

Add Question Here

Question 184 - **Multiple Choice** **0 points** Modify Remove

Question Which of the following provides the strongest rationale for how altruistic genes could spread in a population?

Answer

Altruistic behaviors cost very little.
Altruistic groups survive better than less cooperative ones.
✓ Animals help those who help them in return.
Animals feel better when they help others.

Add Question Here

Question 185 - **Multiple Choice** **0 points** Modify Remove

Question Kin selection as an explanation for altruistic behavior would argue that:

Answer

individuals help others who help them.
individuals pick their mates based on how altruistic they are.
✓ individuals spread their genes by helping their relatives.
society benefits as a whole when individuals help each other.

Add Question Here

Question 186 - **Multiple Choice** **0 points** Modify Remove

Question Which of the following explanations for a genetic basis for altruism is most favored by the text?

Answer

Altruism benefits the species.
✓ kin selection
group selection
Altruism involves little individual cost.

Add Question Here

Question 187 - **Multiple Choice** **0 points** Modify Remove

Question According to the text, in the control of behavior, genes are ____.

Answer

all important and difficult
are irrelevant
✓ neither all important nor irrelevant
all important

Add Question Here

Question 188 - **Multiple Choice** **0 points** Modify Remove

Question Which of the following is NOT a reason that biological psychologists study animals?

Answer
Animal's brains and behavior are often similar to humans.
Animals are often easier to study than humans.
Biological psychologists are interested in the animals themselves.
✓ One does not have to consider ethical issues with animals.

Add Question Here

Question 189 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is NOT a strong argument in support of conducting animal research?
Answer
The underlying mechanisms are similar across species.
Certain ethical restrictions make it impossible to use humans.
Animals have shorter life spans for studying developmental changes.
✓ Animals can't give consent to participate in research.

Add Question Here

Question 190 **Multiple Choice** **0 points** Modify Remove

Question How do most biological psychologists feel regarding the use of animals in research?
Answer
They believe that any animal has the same rights as any human.
They will avoid using painful procedures, unless they will directly benefit the animal.
They are working to replace all animal experimentation with computer simulations.
✓ They use animals only if the potential benefits to humans outweigh the costs to the animals.

Add Question Here

Question 191 **Multiple Choice** **0 points** Modify Remove

Question Minimalists believe that:
Answer
all research should be done on animals.
✓ some animal research is acceptable, but not all.
no animal research should be conducted.
researchers should use only small animals.

Add Question Here

Question 192 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is an argument for animal research?
Answer
✓ Animal research is beneficial.
Animals cannot give informed consent to participate.
Animals have the same rights as humans.
Killing animals for scientific gain is murder.

Add Question Here

Question 193 **Multiple Choice** **0 points** Modify Remove

Question Which statement about most psychological experiments using nonhuman animals is correct?
Answer
Animals are given intense, repeated, inescapable shocks in many experiments.
Extreme pain and stress are inflicted in attempts to drive the animals insane.
The research leads to no useful discoveries.
✓ The research is regulated by animal care committees.

Add Question Here

Question 194 **Multiple Choice** **0 points** Modify Remove

Question The function of an Institutional Animal Care and Use Committee is to:
Answer
evaluate veterinarians who provide care to laboratory animals.
determine whether research is merely for the benefit of humans.
✓ evaluate proposed experiments to ensure that they minimize pain and discomfort.
provide food and water for lab animals, and keep cages clean.

Add Question Here

Question 195 **Multiple Choice** **0 points** Modify Remove

Question Which of the following is not required (or strongly encouraged) of scientists conducting research with animals?
Answer
Have approval of their project by an Institutional Animal Care and Use Committee.
Abide by standards for cleanliness and animal care.
Assume that any procedure that causes humans pain will cause animals pain.
✓ All the other choices are required or strongly encouraged.

Add Question Here

Question 196 **Essay** **0 points** Modify Remove

Question List the four biological explanations of behavior.
Answer physiological, ontogenetic, evolutionary, and functional

Add Question Here

Question 197 **Essay** **0 points** Modify Remove

Question Describe the difference between dualism and monism.
Answer Dualism: mind and body are separate entities, but somehow interact.
Monism: only one kind of existence.

Add Question Here

Question 198 **Essay** **0 points** Modify Remove

Question Describe the three major versions of monism.

Answer Materialism: everything can be explained in physical terms
Mentalism: only minds exist
Identity position: mind and the brain are the same thing

Add Question Here

Question 199 **Essay** **0 points** Modify Remove

Question Define the “hard problem” of consciousness according to David Chalmers.

Answer concerns why and how any kind of brain activity is associated with consciousness

Add Question Here

Question 200 **Essay** **0 points** Modify Remove

Question List the two major categories of careers related to biological psychology.

Answer research and therapy

Add Question Here

Question 201 **Essay** **0 points** Modify Remove

Question Briefly describe Lamarckian evolution.

Answer theory of evolution through the inheritance of acquired characteristics

Add Question Here

Question 202 **Essay** **0 points** Modify Remove

Question Please list two arguments in favor of animal research and two arguments against animal research.

Answer For:

underlying mechanisms of behavior are similar across species and are easier to study
interest in animals for their own sake
animal research may shed light on human evolution
certain experiments can't be done on humans because of ethical restraints

Against:

some animals undergo painful procedures that are not for their benefit
animals can not give informed consent
sometimes the results from animals will not generalize to humans
animals should have the same rights as humans

Add Question Here

Question 203 **Essay** **0 points** Modify Remove

Question Discuss the four biological explanations of behavior.

Answer

Answers will vary.

Add Question Here

Question 204 **Essay** **0 points** Modify Remove

Question Discuss the three forms of monism.

Answer

Answers will vary.

Add Question Here

Question 205 **Essay** **0 points** Modify Remove

Question Discuss David Chalmers’s easy and hard problem of consciousness.

Answer Answers will vary.

Add Question Here

Question 206 **Essay** **0 points** Modify Remove

Question Briefly describe the common misunderstandings about Evolution.

Answer Answers will vary.

Add Question Here

Question 207 **Essay** **0 points** Modify Remove

Question Describe the reasons for animal research.

Answer Answers will vary.

Add Question Here