

**CHAPTER 2: Definitions**

---

**MULTIPLE CHOICE**

1. Which of the following does the text mention as a function of logical definitions?
  - a. They reveal the many layers of metaphorical meaning in a concept.
  - b. They allow the person who makes the definitions to have power over others.
  - c. They reveal the relationships between one concept and others.
  - d. They help to settle heated arguments over the meaning of a word.
  - e. They indicate how we should *feel* about the concept being defined.

ANS: C

DIF: Easy

REF: 2.1

TOP: I. Functions of a definition

MSC: Factual

2. Which of the following does the text mention as a function of logical definitions?
  - a. They help us to sound intelligent.
  - b. They provide confidence in dealing with a concept.
  - c. They help to correct what the dictionaries get wrong.
  - d. They tell us what is and what is not included in the concept.
  - e. They help us to distinguish what is true from what is false.

ANS: D

DIF: Easy

REF: 2.1

TOP: I. Functions of a definition

MSC: Factual

3. Which of the following does the text mention as a function of logical definitions?
  - a. They provide us with a sense of how a concept has developed over time.
  - b. They provide a list of paradigmatic examples for the concept.
  - c. They tell us what part of speech the concept is.
  - d. They provide a summary statement about the concept's referents.
  - e. They tell us how to use the word in a grammatically correct way.

ANS: D

DIF: Easy

REF: 2.1

TOP: I. Functions of a definition

MSC: Factual

4. Will every concept have *obvious* sharp borders that separate it from other concepts?
  - a. No, because every concept shares referents with all other concepts.
  - b. No, because for some concepts, sharp borders either are not obvious or do not exist.
  - c. Yes for concepts of visible things, but no for concepts of invisible things.
  - d. Yes for concepts of invisible things, but no for concepts of visible things.
  - e. Yes, such borders will always be obvious.

ANS: B

DIF: Easy

REF: 2.1

TOP: I. Functions of a definition

MSC: Conceptual

5. When we teach someone what a concept means by pointing out a physical example and saying, "things like *that*," we are providing an ostensive definition, rather than a logical one. Is it possible to provide an ostensive definition for every concept?
  - a. Yes, because every concept has physical examples.
  - b. Yes, because that is how we all learned the language as babies.
  - c. Yes, because everything with a logical definition also has an ostensive one.
  - d. No, because people won't know whether we are pointing at the thing or its color.
  - e. No, because some concepts do not have physical examples at which to point.

ANS: E

DIF: Easy

REF: 2.1

TOP: I. Functions of a definition

MSC: Conceptual

6. The genus of a concept is:
- the person who came up with the concept
  - a measure of how difficult the concept is to understand
  - a broader category to which that concept belongs
  - the best example of the concept
  - any helpful example of the concept

ANS: C                      DIF: Easy                      REF: 2.1                      TOP: II.A.1. Genus  
MSC: Factual

7. The differentia of a concept is/are:
- the best example of the concept
  - any helpful example of the concept
  - a measure of how broad the concept is
  - the characteristic(s) that separate it from its genus
  - the characteristic(s) that separate it from other species in its genus

ANS: E                      DIF: Easy                      REF: 2.1                      TOP: II.A.2. Differentia  
MSC: Factual

8. What is the most obvious way that the following definition violates the rules?

NutraSweet: an artificial sweetener that is not sugar

- It uses negative terms unnecessarily.
- It is too narrow.
- It uses metaphorical language.
- It uses obscure language.
- It has no genus.

ANS: A                      DIF: Medium                      REF: 2.2  
TOP: II. Rules for logical definitions                      MSC: Applied

9. What is the most obvious way that the following definition violates the rules?

bed: a piece of furniture

- It is circular.
- It has no genus.
- It is too narrow.
- It uses metaphorical language.
- It has no differentia.

ANS: E                      DIF: Medium                      REF: 2.2  
TOP: II. Rules for logical definitions                      MSC: Applied

10. What is the most obvious way that the following definition violates the rules?

moon: a large lump of rock

- It uses obscure language.
- It is too narrow.
- It is circular.
- It does not state the essential attributes.
- It has no genus.

ANS: D                      DIF: Medium                      REF: 2.2  
TOP: II. Rules for logical definitions                      MSC: Applied

11. What is the most obvious way that the following definition violates the rules?

gallon: the volume of matter required to fill a one-gallon jug

- It is too broad.
- It uses obscure language.
- It has no differentia.
- It uses metaphorical language.

c. It is circular.

ANS: C                      DIF: Medium                      REF: 2.2  
TOP: II. Rules for logical definitions                      MSC: Applied

12. What is the most obvious way that the following definition violates the rules?

love: the music of life

- a. It uses metaphorical language.
- b. It uses obscure language.
- c. It is circular.
- d. It has no differentia.
- e. It has no genus.

ANS: A                      DIF: Medium                      REF: 2.2  
TOP: II. Rules for logical definitions                      MSC: Applied

13. What is the most obvious way that the following definition violates the rules?

motorcycle: a two-wheeled vehicle

- a. It is circular.
- b. It is too broad.
- c. It has no genus.
- d. It uses metaphorical language.
- e. It uses vague language.

ANS: B                      DIF: Medium                      REF: 2.2  
TOP: II. Rules for logical definitions                      MSC: Applied

14. What is the most obvious way that the following definition violates the rules?

lukewarm: the temperature at which something is heated enough

- a. It doesn't state the essential attributes.
- b. It has no genus.
- c. It has no differentia.
- d. It uses obscure language.
- e. It uses vague language.

ANS: E                      DIF: Medium                      REF: 2.2  
TOP: II. Rules for logical definitions                      MSC: Applied

15. What is the most obvious way that the following definition violates the rules?

nose: a superficial protrusion harboring one terminus of the respiratory tract of a terrestrial vertebrate

- a. It is too broad.
- b. It uses negative terms unnecessarily.
- c. It doesn't state the essential attributes.
- d. It uses vague language.
- e. It uses obscure language.

ANS: E                      DIF: Medium                      REF: 2.2  
TOP: II. Rules for logical definitions                      MSC: Applied

16. What is the most obvious way that the following definition violates the rules?

soup: a warm, fluid food item made from a tomato base

- a. It uses negative terms unnecessarily.
- b. It has no differentia.
- c. It is too narrow.
- d. It is circular.
- e. It uses obscure language.

ANS: C                      DIF: Medium                      REF: 2.2  
TOP: II. Rules for logical definitions                      MSC: Applied

17. What is the most obvious way that the following definition violates the rules?

prune: what you get when you dry a plum

- a. It has no genus.
- b. It is circular.
- c. It is too narrow.
- d. It uses metaphorical language.
- e. It uses negative terms unnecessarily.

ANS: A                      DIF: Difficult                      REF: 2.2  
 TOP: II. Rules for logical definitions                      MSC: Applied

18. Are all of the definitions in a typical dictionary logical definitions?
- a. Yes, because dictionary definitions are held to a very high standard.
  - b. Yes, because they always include a genus and differentia.
  - c. Yes, because logical definitions are the only kind of definition possible.
  - d. No, because most dictionary definitions are circular or vague.
  - e. No, because some dictionary definitions are not in terms of genus and differentia.

ANS: E                      DIF: Medium                      REF: 2.2  
 TOP: II. Rules for logical definitions                      MSC: Conceptual

19. Can a definition violate more than one of the rules discussed in the chapter?
- a. Yes, because violating any rule would necessarily involve violating another.
  - b. Yes, because every definition violates at least two rules.
  - c. Yes, because a definition might be very poorly constructed.
  - d. No, because the rules are all mutually exclusive.
  - e. No, because a flawed definition is always flawed in exactly one way.

ANS: C                      DIF: Medium                      REF: 2.2  
 TOP: II. Rules for logical definitions                      MSC: Conceptual

20. Can a definition violate one of the rules and still be meaningful?
- a. No, since a violation of the rules would make the definition self-contradictory.
  - b. No, since a violation of the rules would reduce the definition to complete nonsense.
  - c. Yes, but only when the problem is that the definition is too narrow or too broad.
  - d. Yes, because it might still contain helpful information about the concept.
  - e. Yes, but only when the problem is that the definition lacks a genus.

ANS: D                      DIF: Difficult                      REF: 2.2  
 TOP: II. Rules for logical definitions                      MSC: Conceptual

21. Every logical definition should include a(n) \_\_\_\_\_ and a(n) \_\_\_\_\_.
- a. genus; differentia
  - b. differentia; example
  - c. example; picture
  - d. genus; example
  - e. differentia; picture

ANS: A                      DIF: Easy                      REF: 2.2  
 TOP: II.A. What a logical definition should include                      MSC: Factual

22. Which involves a higher level of abstraction, a definition's genus or its differentia?
- a. genus
  - b. differentia
  - c. they are equally abstract
  - d. whichever appears first
  - e. whichever appears second

ANS: A                      DIF: Medium                      REF: 2.2  
 TOP: II.A. What a logical definition should include                      MSC: Conceptual

23. If a definition begins with "when" or "where," this is often a sign that:
- a. it will be an excellent definition
  - b. it will not include a genus
  - c. it will include a genus
  - d. it will not include a genus

- b. it will be too broad
- c. it will be too narrow
- e. it will be circular

ANS: D                      DIF: Easy                      REF: 2.2                      TOP: II.A.1. Genus  
MSC: Factual

24. What is the genus in the following definition?

A pen is a handheld writing utensil that writes with ink.

- a. pen
- b. handheld
- c. writing utensil
- d. writes
- e. with ink

ANS: C                      DIF: Easy                      REF: 2.2                      TOP: II.A.1. Genus  
MSC: Applied

25. What is the genus in the following definition?

The horizon is the line of separation between the sky and the earth.

- a. horizon
- b. sky
- c. line of separation
- d. earth
- e. There is no genus.

ANS: C                      DIF: Medium                      REF: 2.2                      TOP: II.A.1. Genus  
MSC: Applied

26. What is the genus in the following definition?

Dancing is how we express our inner feelings with our bodies.

- a. dancing
- b. inner feelings
- c. bodies
- d. express
- e. There is no genus.

ANS: E                      DIF: Difficult                      REF: 2.2                      TOP: II.A.1. Genus  
MSC: Applied

27. A definition should have:

- a. as many genera (plural of genus) as possible
- b. one genus for each differentia
- c. one genus for each referent of the concept being defined
- d. exactly one genus
- e. no genus, if it can be avoided

ANS: D                      DIF: Medium                      REF: 2.2                      TOP: II.A.1. Genus  
MSC: Conceptual

28. Does every definable concept have a genus?

- a. Yes.
- b. No, because no concept has a genus.
- c. No. That is why we must sometimes use “when” or “where” instead of a genus.
- d. No, because some definable concepts are too vague to belong to any genus.
- e. No, but every definable concept does have differentia.

ANS: A                      DIF: Difficult                      REF: 2.2                      TOP: II.A.1. Genus  
MSC: Conceptual

29. What is the differentia of the following definition?

A piano is a type of instrument that is played by pressing keys.

- a. piano
- b. type
- c. type of instrument
- d. that
- e. played by pressing keys

ANS: E                      DIF: Easy                      REF: 2.2                      TOP: II.A.2. Differentia  
MSC: Applied

30. What is/are the differentia of the following definition?

A diocese is the geographical region under the ecclesiastical jurisdiction of a bishop.

- a. diocese
- b. region
- c. jurisdiction
- d. geographical and under the ecclesiastical jurisdiction of a bishop
- e. There are no differentia.

ANS: D                      DIF: Medium                      REF: 2.2                      TOP: II.A.2. Differentia  
MSC: Applied

31. What is/are the differentia of the following definition?

Rain is what falls from the clouds and makes the ground wet.

- a. rain
- b. falls from the clouds and makes the ground wet
- c. only falls from the clouds
- d. only makes the ground wet
- e. There are no differentia.

ANS: B                      DIF: Difficult                      REF: 2.2                      TOP: II.A.2. Differentia  
MSC: Applied

32. Can a definition have more than one differentia?

- a. Yes, because there can never be only one.
- b. Yes, and most do.
- c. Yes, but only if it has more than one genus.
- d. No, because it is never necessary to have more than one.
- e. No, because then the definition would define more than one concept.

ANS: B                      DIF: Medium                      REF: 2.2                      TOP: II.A.2. Differentia  
MSC: Conceptual

33. A definition should be neither too \_\_\_\_\_ nor too \_\_\_\_\_.

- a. broad; narrow
- b. broad; high
- c. high; wide
- d. wide; low
- e. low; narrow

ANS: A                      DIF: Easy                      REF: 2.2  
TOP: II.B. What a logical definition should not be                      MSC: Factual

34. Is the following definition too broad or too narrow?

sodium: the 11th element in the periodic table of elements

- a. It depends on the identity of the person who is defining the word.
- b. too broad
- c. too narrow
- d. both too broad and too narrow

e. neither too broad nor too narrow

ANS: E                    DIF: Medium            REF: 2.2

TOP: II.B. What a logical definition should not be

MSC: Applied

35. Is the following definition too broad or too narrow?

spaghetti: a pasta that originated in Italy

- a. It depends on the identity of the person who is defining the word.
- b. too broad
- c. too narrow
- d. both too broad and too narrow
- e. neither too broad nor too narrow

ANS: B                    DIF: Medium            REF: 2.2

TOP: II.B. What a logical definition should not be

MSC: Applied

36. Is the following definition too broad or too narrow?

cat: a small, white, four-legged mammal

- a. It depends on the identity of the person who is defining the word.
- b. too broad
- c. too narrow
- d. both too broad and too narrow
- e. neither too broad nor too narrow

ANS: D                    DIF: Medium            REF: 2.2

TOP: II.B. What a logical definition should not be

MSC: Applied

37. Is the following definition too broad or too narrow?

rectangle: a plane closed figure with four sides of equal length in which all angles are right angles

- a. it depends on the identity of the person who is defining the word.
- b. too broad
- c. too narrow
- d. both too broad and too narrow
- e. neither too broad nor too narrow

ANS: C                    DIF: Difficult           REF: 2.2

TOP: II.B. What a logical definition should not be

MSC: Applied

38. Can a definition be both too broad and too narrow at the same time?

- a. No, because these are opposites.
- b. No, because if a concept has too many referents, it can't also have too few.
- c. No, because if it is too broad, it will be a genus, and if too narrow, it will be a species.
- d. Yes, because it can both include referents incorrectly and exclude referents incorrectly.
- e. Yes, because all definitions that are too broad must also be too narrow.

ANS: D                    DIF: Easy                REF: 2.2

TOP: II.B. What a logical definition should not be

MSC: Conceptual

39. If a definition is neither too broad nor too narrow, will all of the referents of the concept also be referents of the definition?

- a. Yes, and all of the referents of the definition will also be referents of the concept.
- b. Yes, but some of the referents of the definition will not be referents of the concept.
- c. Yes, but none of the referents of the definition will also be referents of the concept.

- d. No, because none will.
- e. No, although most will.

ANS: A                    DIF: Difficult            REF: 2.2  
TOP: II.B. What a logical definition should not be

MSC: Conceptual

40. A definition is too broad when:
- a. it fails to include things that are referents of the concept
  - b. it is too wordy
  - c. it includes things that are not referents of the concept
  - d. it uses vague and obscure terms
  - e. it is dumbed down so that everyone can understand it

ANS: C                    DIF: Easy                    REF: 2.2  
MSC: Factual

TOP: II.B.1. Too broad

41. Which of the following definitions is too broad?
- a. A dog is the domesticated form of the grey wolf.
  - b. An insect is an ant or beetle.
  - c. Baghdad is the capital city of Iraq.
  - d. Zeus is the ruler of the Greek gods.
  - e. A fish is an animal that lives underwater.

ANS: E                    DIF: Difficult            REF: 2.2  
MSC: Applied

TOP: II.B.1. Too broad

42. If a definition is too broad, will all of the referents of the concept also be referents of the definition?
- a. Yes, always.
  - b. Yes, unless the definition is also too narrow.
  - c. Yes, but only if the definition is also too narrow.
  - d. No, unless the definition is also too narrow.
  - e. No.

ANS: B                    DIF: Difficult            REF: 2.2  
MSC: Conceptual

TOP: II.B.1. Too broad

43. A definition is too narrow when:
- a. it is only one person's opinion
  - b. it doesn't say enough about the concept
  - c. most people would disagree with it
  - d. it includes things that are not referents of the concept
  - e. it fails to include things that are referents of the concept

ANS: E                    DIF: Easy                    REF: 2.2  
MSC: Factual

TOP: II.B.2. Too narrow

44. Which of the following definitions is too narrow?
- a. Paul McCartney is a member of the Beatles.
  - b. Russian is the language most commonly spoken in Russia.
  - c. Corn bread is bread that is made from corn.
  - d. A bottle is a glass container that is used to store wine.
  - e. Abraham Lincoln was the 16th president of the United States of America.

ANS: D                    DIF: Difficult            REF: 2.2  
MSC: Applied

TOP: II.B.2. Too narrow

45. If a definition is too narrow, will all of the referents of the definition also be referents of the concept being defined?
- No.
  - No, unless the definition is also too broad.
  - Yes, always.
  - Yes, unless the definition is also too broad.
  - Yes, but only if the definition is also too broad.

ANS: D                      DIF: Difficult                      REF: 2.2                      TOP: II.B.2. Too narrow  
MSC: Conceptual

46. A counterexample is:
- the best example of a concept
  - any helpful example of the concept
  - a particular instance that proves a definition wrong
  - a particular instance that proves a definition right
  - an example that helps to count the strengths of a definition

ANS: C                      DIF: Easy                      REF: 2.2  
TOP: II.B.2.a. Counterexamples                      MSC: Factual

47. If we define humans as “religious animals,” which of the following would be a counterexample?
- a Muslim
  - an atheist
  - a Catholic
  - a priest
  - a squirrel

ANS: B                      DIF: Easy                      REF: 2.2  
TOP: II.B.2.a. Counterexamples                      MSC: Applied

48. If we define a photograph as “a two-dimensional image of a person,” which of the following would be a counterexample?
- a three-dimensional image of a person
  - a two-dimensional image of a cat
  - a two-dimensional image of Ozzy Osbourne
  - Ozzy Osbourne
  - a photo album

ANS: B                      DIF: Medium                      REF: 2.2  
TOP: II.B.2.a. Counterexamples                      MSC: Applied

49. If we define a rifle as “a handheld weapon,” which of the following would be a counterexample?
- a tank
  - a soldier
  - a bow and arrow
  - a feather
  - a uniform

ANS: C                      DIF: Difficult                      REF: 2.2  
TOP: II.B.2.a. Counterexamples                      MSC: Applied

50. Will there always be counterexamples when a definition is too broad or too narrow?
- Yes.
  - Yes if it is too narrow, but no if it is too broad.
  - Yes if it is too broad, but no if it is too narrow.
  - No.
  - It depends on whether the concept itself has real referents in the world.

ANS: A                      DIF: Medium                      REF: 2.2

TOP: II.B.2.a. Counterexamples                      MSC: Conceptual

51. Counterexamples are used to show that a definition violates which rule?
- A logical definition requires a genus.
  - A definition should not be circular.
  - A definition should not use negative terms unnecessarily.
  - A definition should not be too broad or too narrow.
  - A definition should not use language that is obscure.

ANS: D                      DIF: Medium                      REF: 2.2  
TOP: II.B.2.a. Counterexamples                      MSC: Conceptual

52. A definition should include:
- the essential attributes of the concept
  - all available information about the concept
  - only one attribute of the concept
  - the etymology of the word for the concept
  - the esoteric attributes of the concept

ANS: A                      DIF: Easy                      REF: 2.2  
TOP: II.C. A definition should state the essential attributes                      MSC: Factual

53. The essential attributes of a concept are those that are:
- relatively superficial
  - fundamental
  - familiar to most people
  - unfamiliar to most people
  - easiest to understand

ANS: B                      DIF: Easy                      REF: 2.2  
TOP: II.C. A definition should state the essential attributes                      MSC: Factual

54. Which of the following is the most essential attribute of the concept "heart"?
- its sound
  - its color
  - its circulation of blood
  - its life expectancy
  - its smell

ANS: C                      DIF: Easy                      REF: 2.2  
TOP: II.C. A definition should state the essential attributes                      MSC: Applied

55. Which of the following is the most essential attribute of the concept "dish detergent"?
- viscous liquid
  - used to clean dishes
  - green
  - pine-scented
  - creates bubbles on surface of water

ANS: B                      DIF: Medium                      REF: 2.2  
TOP: II.C. A definition should state the essential attributes                      MSC: Applied

56. Which of the following definitions most obviously fails to state any essential attributes?
- The Olympics is an international competitive sporting event.
  - An airplane is a flying machine that is used for transportation.
  - A regular octagon is a closed plane figure with eight equal sides and eight equal angles.
  - An angel is a divine messenger.
  - Cork is one of the major exports of Portugal.

ANS: E                      DIF: Difficult                      REF: 2.2  
TOP: II.C. A definition should state the essential attributes                      MSC: Applied

57. Which of the following definitions most obviously fails to state any essential attributes?
- Venus is the second planet from the sun.
  - Diamond is a crystalline, carbon-based mineral.
  - Kiribati is an island nation in the South Pacific.
  - The giant panda is the emblem of the World Wildlife Fund.
  - Brackish water is water that is saltier than freshwater but less salty than seawater.

ANS: D                      DIF: Difficult                      REF: 2.2  
TOP: II.C. A definition should state the essential attributes                      MSC: Applied

58. Is color ever an essential attribute?
- No, because the color of a thing is never fundamental to what it is.
  - No, because you can always change the color of a thing without changing what it is.
  - No, because color is always unimportant.
  - Yes, because the color of a thing might be fundamental to what it is.
  - Yes, because color is always an essential attribute.

ANS: D                      DIF: Medium                      REF: 2.2  
TOP: II.C. A definition should state the essential attributes                      MSC: Conceptual

59. Circular definitions are definitions that:
- include the word "circle"
  - only mention the genus, but omit the differentia
  - only mention the differentia, but omit the genus
  - use concepts to define themselves
  - are too broad and too narrow at the same time

ANS: D                      DIF: Easy                      REF: 2.2  
TOP: II.D. A definition should not be circular                      MSC: Factual

60. Which of the following definitions is circular?
- rent: money paid to a landlord
  - socks: clothing worn on the feet
  - large: the attribute possessed by something that is big
  - Scrabble: a word game played on a game board
  - curtains: interior coverings for windows

ANS: C                      DIF: Easy                      REF: 2.2  
TOP: II.D. A definition should not be circular                      MSC: Applied

61. Which of the following definitions is circular?
- leaf: the leafy part of a plant
  - green: the color that appears between yellow and blue in a rainbow
  - Frisbee: a flat, round disc that can be tossed from person to person
  - orange: an orange-colored, small, round fruit
  - wheat: a tall cereal grass, often cultivated for human consumption

ANS: A                      DIF: Difficult                      REF: 2.2  
TOP: II.D. A definition should not be circular                      MSC: Applied

62. Which of the following definitions is circular?
- near: having the property of being only a small distance away
  - swimming: propelling oneself through water through controlled movement of one's appendages
  - apex: a zenith or pinnacle

- d. enteritis: swelling of the small intestine
- e. couch: a piece of furniture designed for seating more than one person at a time

ANS: C                    DIF: Difficult            REF: 2.2  
TOP: II.D. A definition should not be circular                    MSC: Applied

63. Does a circular definition always lack a genus, or does it always lack a differentia?
- a. genus
  - b. differentia
  - c. It always lacks both.
  - d. It never lacks either.
  - e. Circularity has nothing to do with lacking a genus or differentia.

ANS: E                    DIF: Medium            REF: 2.2  
TOP: II.D. A definition should not be circular                    MSC: Conceptual

64. Which of the following best expresses the rule about using negative terms in definitions?
- a. No definition should ever have any negative terms in it.
  - b. Every definition should have at least one negative term so that we know what is excluded from it.
  - c. Negative terms are usually okay, but should be avoided if they are confusing.
  - d. Negative terms are usually to be avoided, but are okay when defining inherently negative concepts.
  - e. A definition should never have two negative terms, since that would be a double negative.

ANS: D                    DIF: Easy            REF: 2.2  
TOP: II.E. A definition should not use negative terms unnecessarily  
MSC: Factual

65. Which of the following definitions violates the rule against using negative terms?
- a. Raw meat is meat that is uncooked.
  - b. An automobile is a horseless carriage.
  - c. Swiss cheese is a type of cheese with holes in it.
  - d. A free item is an item for which you don't have to pay.
  - e. A convertible is a car with a roof that can be retracted or removed.

ANS: B                    DIF: Easy            REF: 2.2  
TOP: II.E. A definition should not use negative terms unnecessarily  
MSC: Applied

66. Which of the following definitions uses negative terms in an acceptable way?
- a. A fluorescent light is a light without a tungsten filament.
  - b. A shark is a fish without scales.
  - c. A bachelor is a man who is unmarried.
  - d. A pine tree is a tree with no leaves.
  - e. An enemy is someone who doesn't send you a birthday card.

ANS: C                    DIF: Easy            REF: 2.2  
TOP: II.E. A definition should not use negative terms unnecessarily  
MSC: Applied

67. Which of the following definitions violates the rule against using negative terms?
- a. A clean driving record is a driving record with no violations listed.
  - b. Timelessness is the property of not being associated with any particular time.
  - c. A girl is a child who is not a boy.

- d. Absence is the property of not being present.
- e. Junk food is food that is not good for you.

ANS: C                    DIF: Medium            REF: 2.2  
TOP: II.E. A definition should not use negative terms unnecessarily  
MSC: Applied

68. Which of the following definitions uses negative terms in an acceptable way?
- a. A whale is an animal that lives in the water but is not a fish.
  - b. A team is a group of individuals who are not simply playing for their own benefit.
  - c. A lethargic person is a person who does not run or jog.
  - d. A silent film is a film without sound.
  - e. A king is a man who is not a peasant.

ANS: D                    DIF: Medium            REF: 2.2  
TOP: II.E. A definition should not use negative terms unnecessarily  
MSC: Applied

69. Negative terms are usually only necessary when the concept being defined:
- a. has no essential attributes.
  - b. is a negative concept.
  - c. belongs to a very large genus.
  - d. belongs to a very small genus.
  - e. is a noun.

ANS: B                    DIF: Medium            REF: 2.2  
TOP: II.E. A definition should not use negative terms unnecessarily  
MSC: Conceptual

70. The problem with vague, obscure, or metaphorical definitions is that:
- a. they are too wordy
  - b. they are too precise to allow for flexibility
  - c. they provide too much information
  - d. they require too much imagination
  - e. they are unclear

ANS: E                    DIF: Easy                REF: 2.2  
TOP: II.F. Kinds of language a definition should not include            MSC: Factual

71. A vague definition is one that:
- a. doesn't give any precise criterion for membership in the concept
  - b. provides a precise criterion for membership in the concept
  - c. contains too much information to be useful
  - d. everyone can understand easily
  - e. only experts can understand easily

ANS: A                    DIF: Easy                REF: 2.2                    TOP: II.F.1. Vague  
MSC: Factual

72. Which of the following definitions is vague?
- a. An adult is a person who is of age.
  - b. A bus driver is someone who drives a bus.
  - c. A desert is somewhere that gets less than 250 millimeters of rain per year.
  - d. A paperweight is something used to keep papers from blowing away.
  - e. Meat is food consisting of animal flesh.

ANS: A                    DIF: Difficult            REF: 2.2                    TOP: II.F.1. Vague  
MSC: Applied

73. If a concept itself is vague, can it still have a logical definition?
- No, because logical definitions don't allow for vagueness.
  - No, because it would be impossible to find the right genus for a vague concept.
  - Yes, but the definition would also be vague.
  - Yes, but the definition would end up being circular.
  - Yes, but the definition would end up being too broad or too narrow.

ANS: C                      DIF: Easy                      REF: 2.2                      TOP: II.F.1. Vague

MSC: Conceptual

74. Is a definition too vague if it uses the words "sometimes," "something," or "somewhere"?
- Any of those three would make it too vague.
  - Only "sometimes" would make it too vague.
  - Only "something" would make it too vague.
  - Only "somewhere" would make it too vague.
  - It would depend on how those words are being used and on the concept being defined.

ANS: E                      DIF: Medium                      REF: 2.2                      TOP: II.F.1. Vague

MSC: Conceptual

75. An obscure definition is one that:
- uses poetic imagery and flowery language without saying anything literal about the concept being defined
  - uses abstract or technical language that is more difficult to understand than the concept itself
  - contains too much information to be useful
  - includes several useful examples of the concept being defined
  - doesn't include any examples of the concept being defined

ANS: B                      DIF: Easy                      REF: 2.2                      TOP: II.F.2. Obscure

MSC: Factual

76. Which of the following definitions is obscure?
- Death is when a living thing stops living.
  - Death is the end of life.
  - Death is when someone kicks the bucket.
  - Death is the cessation of one's participation in finitude.
  - Death is when someone's brain activity ends.

ANS: D                      DIF: Easy                      REF: 2.2                      TOP: II.F.2. Obscure

MSC: Applied

77. Which of the following definitions is obscure?
- Drinking is oral consumption of a fluid substance.
  - A vegan is a vegetarian who does not eat any animal products at all.
  - A pony is a short horse.
  - A cane is a stick, or sticklike device, which a person uses to maintain his/her balance.
  - Trepanning is drilling a hole in the skull down to the dura mater to relieve intracranial pressure.

ANS: A                      DIF: Difficult                      REF: 2.2                      TOP: II.F.2. Obscure

MSC: Applied

78. If a definition uses the word "antidisestablishmentarianism," then is the definition too obscure?

- a. Only if the concept being defined is less obscure than antisestablishmentarianism.
- b. Only if the concept being defined is more obscure than antisestablishmentarianism.
- c. Only if the concept being defined is very complex.
- d. Definitely yes.
- e. Definitely no.

ANS: A                      DIF: Medium                      REF: 2.2                      TOP: II.F.2. Obscure  
MSC: Conceptual

79. A metaphorical definition is one that:
- a. has too many differentia
  - b. only gives the literal meaning of the word, but leaves out important connotations
  - c. makes you feel good about the word without telling you what it means
  - d. includes abstract or technical terms
  - e. doesn't convey the literal meaning of the concept, but only an analogy

ANS: E                      DIF: Easy                      REF: 2.2                      TOP: II.F.3. Metaphorical  
MSC: Factual

80. Which of the following definitions is metaphorical?
- a. Life is a gift from God.
  - b. Life is what happens while you're making other plans.
  - c. Life is a biological process.
  - d. Life is a cabaret.
  - e. Life is what animals have before they die.

ANS: D                      DIF: Easy                      REF: 2.2                      TOP: II.F.3. Metaphorical  
MSC: Applied

81. Which of the following definitions is metaphorical?
- a. Coconut milk is the fluid found in the middle of a coconut.
  - b. To attempt something is to take a stab at it.
  - c. The eye of a needle is a small hole through which the needle is threaded.
  - d. Barbarians are people who are uncivilized.
  - e. Schadenfreude is the shameful joy we derive from the misfortune of others.

ANS: B                      DIF: Difficult                      REF: 2.2                      TOP: II.F.3. Metaphorical  
MSC: Applied

82. Could the same word be metaphorical in one definition and literal in another?
- a. Yes, because no word could be used metaphorically in two different ways.
  - b. Yes, because no word could be used literally in two different ways.
  - c. Yes, because the word could be used differently between the two definitions.
  - d. No, because every word is either metaphorical or literal.
  - e. No, because then one of the definitions would not be a good definition.

ANS: C                      DIF: Medium                      REF: 2.2                      TOP: II.F.3. Metaphorical  
MSC: Conceptual

83. Is it possible to violate any of the rules for definitions when choosing a genus?
- a. No, because all rule violations occur when choosing the differentia.
  - b. No, because no matter how broad the genus, the definition can be made good by providing enough differentia.
  - c. No, because the rules only tell us that a genus is required, but say nothing about what the genus must be.

- d. Yes, because all rule violations involve choosing the wrong genus.
- e. Yes, because, for example, the genus could make the definition circular.

ANS: E                      DIF: Difficult                      REF: 2.2                      TOP: III.A. Choosing a genus  
MSC: Conceptual

84. A stipulative definition is a definition that:
- a. defines a familiar word in a familiar way
  - b. introduces a word by specifying that it shall mean such and such
  - c. clarifies the meaning of the word by providing a long list of concrete examples
  - d. provides a general idea of a word's meaning without being very precise
  - e. violates more than one of the rules for definitions

ANS: B                      DIF: Easy                      REF: 2.3                      TOP: III. Constructing definitions  
MSC: Factual

85. Which of the following is a stipulative definition?
- a. Binge drinking is drinking like that guy over there at the bar.
  - b. Binge drinking is drinking too much.
  - c. Binge drinking, in this study, is consuming more than three drinks within an hour.
  - d. Binge drinking is drinking like a fish.
  - e. Binge drinking is drinking more than you can handle.

ANS: C                      DIF: Medium                      REF: 2.3                      TOP: III. Constructing definitions  
MSC: Applied

86. Which of the following is a stipulative definition?
- a. Ireland is the second largest of the British Isles.
  - b. Being overweight means having a body mass index higher than 25.
  - c. Polygamy is marriage to more than one wife.
  - d. A pentathlon is an athletic competition comprising five events.
  - e. Renal failure is the eighth leading cause of death in the United States.

ANS: B                      DIF: Difficult                      REF: 2.3                      TOP: III. Constructing definitions  
MSC: Applied

87. Is it possible for a stipulative definition to be too broad or too narrow?
- a. No, it can never be too broad or too narrow.
  - b. Yes, it can be too broad, but not too narrow.
  - c. Yes, it can be too narrow, but not too broad.
  - d. Yes, it can be either too broad or too narrow, but not both.
  - e. Yes, it can be both too broad and too narrow.

ANS: A                      DIF: Easy                      REF: 2.3                      TOP: III. Constructing definitions  
MSC: Conceptual

88. When dealing with a concept about which there is controversy, it is usually best to:
- a. provide several definitions that present different perspectives
  - b. provide a definition that is as neutral as possible
  - c. provide a definition that endorses your own thinking on the subject
  - d. provide a definition that endorses the majority's thinking on the subject
  - e. avoid defining the concept until there is general agreement about it

ANS: B                      DIF: Easy                      REF: 2.3                      TOP: III. Constructing definitions  
MSC: Conceptual

89. A good definition should apply principally to:
- every possible meaning of a word
  - all metaphorical uses of a word
  - most metaphorical uses of a word
  - both metaphorical and literal uses of a word
  - the literal meaning of the word

ANS: E                      DIF: Easy                      REF: 2.3                      TOP: III. Constructing definitions  
MSC: Conceptual

90. Are stipulative definitions a type of logical definition?
- Yes, because they are composed of a genus and differentia.
  - Yes, because they provide a sense of what a word means.
  - No, because they lack a genus.
  - No, because they lack differentia.
  - No, because they give a word more precision than it has in everyday language.

ANS: A                      DIF: Medium                      REF: 2.3                      TOP: III. Constructing definitions  
MSC: Conceptual

91. When constructing a definition, it is usually easiest/best to start by:
- making a list of referents for the concept
  - making a list of other concepts that are similar
  - determining the genus
  - determining the differentia
  - making a list of words that must be avoided to prevent circularity

ANS: C                      DIF: Easy                      REF: 2.3                      TOP: III.A. Choosing a genus  
MSC: Factual

92. When choosing a genus for a definition, one must consider:
- the word's language of origin
  - the number of syllables (for efficiency)
  - how many referents the concept has
  - what level of abstraction is appropriate
  - whatever homonyms the word might have

ANS: D                      DIF: Easy                      REF: 2.3                      TOP: III.A. Choosing a genus  
MSC: Factual

93. Which of the following would be the best genus for a definition of coin?
- physical object
  - money
  - metal object
  - disk
  - collectible item

ANS: B                      DIF: Medium                      REF: 2.3                      TOP: III.A. Choosing a genus  
MSC: Applied

94. Which of the following definitions lacks a genus?
- A subway is an underground train.
  - Drowning is when someone is asphyxiated in water.
  - Golf is a sport in which the goal is to sink a ball in a hole by hitting it with a club.
  - A joke is a humorous story.
  - A judge is the official who presides at a court proceeding.

ANS: B                      DIF: Medium                      REF: 2.3                      TOP: III.A. Choosing a genus

MSC: Applied

95. Which of the following would be the best genus for a definition of ice cream?
- a. food
  - b. consumable
  - c. substance
  - d. compound
  - e. dessert

ANS: E                      DIF: Medium                      REF: 2.3                      TOP: III.A. Choosing a genus  
MSC: Applied

96. Which of the following would be the best genus for a definition of ground pepper?
- a. organism
  - b. plant
  - c. spice
  - d. cayenne
  - e. black

ANS: C                      DIF: Medium                      REF: 2.3                      TOP: III.A. Choosing a genus  
MSC: Applied

97. Which of the following would be the best genus for a definition of ice hockey?
- a. activity
  - b. pastime
  - c. Canadian
  - d. sport
  - e. event

ANS: D                      DIF: Medium                      REF: 2.3                      TOP: III.A. Choosing a genus  
MSC: Applied

98. When one is defining a concept:
- a. there will only be one possible genus, which is why it is determined first
  - b. it doesn't matter what genus is chosen, as long as the rest of the definition is consistent with it
  - c. there might be many choices of genus from which to choose
  - d. the genus should always include the word "where" or the word "when"
  - e. the genus should be chosen last

ANS: C                      DIF: Easy                      REF: 2.3                      TOP: III.A. Choosing a genus  
MSC: Conceptual

99. When choosing the genus for a definition, one should:
- a. always choose the broadest possible genus
  - b. always choose the narrowest possible genus
  - c. never choose the broadest possible genus
  - d. never choose the narrowest possible genus
  - e. choose whatever genus is appropriate to the essential attributes of the concept

ANS: E                      DIF: Easy                      REF: 2.3                      TOP: III.A. Choosing a genus  
MSC: Conceptual

100. Shown below is a concept to define, followed by the genus that has been selected for the definition. Please choose the differentia that best COMPLETES the definition. (The definition might not be perfect, but choose the BEST one.)

rainbow: meteorological phenomenon

- a. occurs after rain
- b. more common in some regions than in others
- c. spectrum of light in the sky
- d. only observed during daylight hours

e. mentioned in a song from *The Wizard of Oz*

ANS: C                    DIF: Medium                    REF: 2.3                    TOP: III.B. Choosing differentia  
MSC: Applied

101. Shown below is a concept to define, followed by the genus that has been selected for the definition. Please choose the differentia that best COMPLETES the definition. (The definition might not be perfect, but choose the BEST one.)

door: architectural feature

- a. has a door knob
- b. usually 7 feet high
- c. swivels on hinges
- d. used to enter or to leave a room
- e. comes in several varieties

ANS: D                    DIF: Medium                    REF: 2.3                    TOP: III.B. Choosing differentia  
MSC: Applied

102. Shown below is a concept to define, followed by the genus that has been selected for the definition. Please choose the differentia that best COMPLETES the definition. (The definition might not be perfect, but choose the BEST one.)

camera: a device

- a. used to take pictures
- b. handheld
- c. zoom lens
- d. consists of plastic, glass and metal components
- e. digital

ANS: A                    DIF: Medium                    REF: 2.3                    TOP: III.B. Choosing differentia  
MSC: Applied

103. Shown below is a concept to define, followed by the genus that has been selected for the definition. Please choose the differentia that best COMPLETES the definition. (The definition might not be perfect, but choose the BEST one.)

tricycle: a vehicle

- a. used by small children
- b. has three wheels
- c. moves very slowly
- d. seats only one rider
- e. invented in the 18th century

ANS: B                    DIF: Medium                    REF: 2.3                    TOP: III.B. Choosing differentia  
MSC: Applied

104. When choosing differentia, one should include:

- a. every possible differentia
- b. as many differentia as possible
- c. enough essential differentia to distinguish referents of the concept from referents of other concepts in the same genus
- d. enough essential differentia to include the referents of every other concept in the same genus
- e. as few differentia as possible

ANS: C                    DIF: Easy                    REF: 2.3                    TOP: III.B. Choosing differentia  
MSC: Conceptual

105. Having too many differentia could make a definition \_\_\_\_\_, whereas having too few differentia could make it \_\_\_\_\_.

**Art of Reasoning 4th Edition Kelley Test Bank**

Full Download: <http://alibabadownload.com/product/art-of-reasoning-4th-edition-kelley-test-bank/>

- a. obscure; vague
- b. circular; too narrow
- c. circular; too broad
- d. too broad; vague
- e. too narrow; too broad

ANS: E

DIF: Medium

REF: 2.3

TOP: III.B. Choosing differentia

MSC: Conceptual