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Chapter 1: Economics: The Study of Choice

Multiple Choice

1. The basic concern of economics is:

- A) to keep business firms from losing money.
- B) to prove that capitalism is better than socialism.
- C) to study the choices people make.
- D) to use unlimited resources to produce goods and services to satisfy limited wants.

Ans: C

2. Economics, generally speaking, is primarily concerned with:

- A) the operation of the bond and stock markets.
- B) the issues of income inequality or income equality.
- C) how people choose among the alternatives available to them.
- D) ceteris paribus, the scientific method, and the margin.

Ans: C

3. Economics is a:

- A) social science that studies goods with no alternative uses.
- B) natural science that studies goods with no alternative uses.
- C) social science concerned chiefly with how people choose among alternatives.
- D) social science concerned chiefly with reasons why society has unlimited resources.

Ans: C

4. The study of how people choose among the alternatives available to them is the:

- A) definition of economics.
- B) model of demand.
- C) theory of opportunity costs.
- D) method of distinguishing between microeconomics and macroeconomics.

Ans: A

5. According to the textbook, economics is a:
- A) social science.
 - B) study of business decisions, not social decisions.
 - C) part of operations and management science.
 - D) part of humanities.

Ans: A

6. Economics is a:
- A) social science that deals with making choices among alternatives.
 - B) natural science that concerns itself with allocating relatively scarce resources among alternative ends.
 - C) science that has no theories or models based on the scientific method.
 - D) humanities course that mainly concerns itself with limited wants versus unlimited resources.

Ans: A

7. When we are forced to make choices we are facing the concept of:
- A) ceteris paribus.
 - B) free goods.
 - C) scarcity.
 - D) the margin.

Ans: C

8. Scarcity exists when:
- A) a choice must be made among two or more alternatives.
 - B) we face the notion of "all other things unchanged."
 - C) countries and people find themselves facing poverty.
 - D) the notions of normative economics come into play.

Ans: A

9. Scarcity in economics means:
- A) not having sufficient resources to produce all the goods and services we want.
 - B) the wants of people are limited.
 - C) there must be poor people in rich countries.

D) economists are clearly not doing their jobs.

Ans: A

10. A scarce resource is one that:

- A) has two or more alternative uses.
- B) exhibits the basic properties of a free good.
- C) is confronted only under socialist conditions.
- D) has an unlimited supply.

Ans: A

11. A key theme fundamental to all of economics is:

- A) there are limited wants.
- B) we are a rich country but are simply not aware of it.
- C) people have unlimited wants facing limited means to satisfy them.
- D) there are unlimited resources.

Ans: C

12. A tradeoff between two economic goals means that:

- A) if achievement of one increases, then achievement of the other must increase.
- B) if achievement of one decreases, then achievement of the other must decrease.
- C) if you achieve more of one, you will achieve less of the other.
- D) the goals are fully compatible.

Ans: C

13. Although water is very abundant in most places, it is scarce because:

- A) it has no alternative uses.
- B) it has two or more alternative uses.
- C) it is a free good and not expensive.
- D) scarce goods in general are not all that costly.

Ans: B

14. The concept of scarcity indicates that:

- A) most goods have no alternative uses.

- B) almost all goods have alternative uses.
- C) most decisions can be made without sacrificing alternatives.
- D) certain societies are able to overcome the constraints imposed by alternative uses of resources.

Ans: B

15. The existence of alternative uses of a resource implies that it is:

- A) free.
- B) scarce.
- C) expensive.
- D) plentiful.

Ans: B

16. A scarce resource is one that:

- A) is free.
- B) is abundant.
- C) has alternative uses.
- D) has no alternative uses.

Ans: C

17. The problem of scarcity is confronted by:

- A) industrialized societies.
- B) pre-industrialized societies.
- C) societies governed by communist philosophies.
- D) all societies.

Ans: D

18. A non-free good is one that is:

- A) very expensive.
- B) scarce.
- C) absolutely needed by someone.
- D) produced in one country and then sold to another country.

Ans: B

19. A(n) _____ does not pose the problem of scarcity; one use of the good is not an alternative to another use.

- A) free good
- B) scarce good
- C) economic good
- D) monetary good

Ans: A

20. Water is considered a scarce good rather than a free good because:

- A) it has alternative uses.
- B) it does not have alternative uses.
- C) scarce goods are less expensive than free goods.
- D) free goods are more expensive than scarce goods.

Ans: A

21. The problem of determining what goods and services society should produce exists because:

- A) resources are plentiful.
- B) resources are scarce.
- C) most of our resources are privately rather than socially owned.
- D) most of our resources are socially rather than privately owned.

Ans: B

22. The problem of determining what goods and services society should produce:

- A) exists because we can produce more than we need or want.
- B) exists because there are not enough resources to provide all the goods and services that people want to purchase.
- C) would not exist if all goods and services were scarce.
- D) would not exist if government owned all of the resources.

Ans: B

23. A free good is different from a scarce good because it is:

- A) not tradable.
- B) not produced.
- C) not scarce.
- D) found only in nature.

Ans: C

24. The statement that "there is no such thing as a free lunch" means:

- A) there are no tradeoffs between economic goals.
- B) any production requires the use of scarce resources, and thus the sacrifice of another alternative.
- C) choices need not be made in rational behavior.
- D) scarcity only exists in poor societies.

Ans: B

25. The answer to, "What goods are to be produced ?" deals with:

- A) who gets the goods.
- B) how tastes and preferences are determined.
- C) how resources are combined to produce goods and services.
- D) the kinds and quantities of goods and services produced.

Ans: D

26. The Case in Point on the oil extraction suggests that one reason oil may become more costly is that :

- A) we will have to give up more and more valuable alternatives to extract oil.
- B) speculation is likely to drive up oil prices.
- C) oil producers are likely to become more greedy in the future.
- D) actually, the Case suggests that oil extraction is likely to become less costly and the future.

Ans. A

27. The Case in Point on oil extraction implies that the environmental damage associated with future oil extraction is likely to :

- A) fall because of improving technology.
- B) fall as new oil fields are discovered.
- C) rise because more environmentally invasive procedures will be required to extract oil.
- D) rise because speculators are likely to be increasingly active in the future.

Ans: C

28. A free good is:

- A) also a scarce good.
- B) a relatively abundant good.
- C) a good with no opportunity cost.
- D) a good with relatively low opportunity cost.

Ans: C

29. The fundamental economic questions that every economic system must answer are:

- A) what, how, and for whom.
- B) what, why, and for whom.
- C) when, why, and for whom.
- D) how, when, and how much.

Ans: A

30. The three fundamental economic questions of what, how, and for whom:

- A) exist because of scarcity.
- B) are much more serious in a socialist system.
- C) are not serious in a capitalistic system.
- D) are not relevant in the industrialized world of today.

Ans: A

31. Suppose that voters in your community pass a one-cent sales tax increase to fund education, knowing full well they will have to forgo other goods they typically consume. This primarily addresses the economic question of:

- A) How will each good be produced?
- B) For whom shall the goods be produced?
- C) Why will the resources be used to produce goods?
- D) What goods and services should a society produce?

Ans: D

32. An answer to the question "How are goods produced?" determines:

- A) who receives the goods that are produced.
- B) how tastes and preferences are determined.
- C) how resources are combined in the production of goods.
- D) the types and quantities of goods and services produced.

Ans: C

33. The problem of determining how goods and services should be produced exists because:

- A) we do not have enough skilled workers relative to the number of unskilled workers.
- B) we do not have enough unskilled workers relative to the number of skilled workers.
- C) corporations want to avoid changing their methods of production.
- D) most goods can be produced with different combinations of resources.

Ans: D

34. The problem of determining how goods and services should be produced is a problem of deciding:

- A) the best combinations of resources to be used for producing goods and services.

- B) the extent to which imports should be reduced relative to exports.
- C) the extent to which exports should be reduced relative to imports.
- D) who owns the resources.

Ans: A

35. In the 1970s, the Organization of Petroleum Exporting Countries (OPEC) tripled the price of petroleum, causing automobile manufacturers to look for ways to produce more fuel-efficient cars by substituting aluminum and plastic for steel. This was primarily a response to the economic question of:

- A) When will each good be produced?
- B) For whom shall the goods be produced?
- C) What goods and services should a society produce?
- D) How should goods and services be produced?

Ans: D

36. An answer to the question "For whom" determines:

- A) tastes and preferences.
- B) how resources are combined in production.
- C) the kinds and quantities of goods produced.
- D) who gets the goods and services produced.

Ans: D

37. The problem of determining for whom to produce exists because:

- A) government regulations prevent firms from producing the kinds of goods that consumers want.
- B) a decision that one person or group will receive a good or service usually means that another person or group will not.
- C) taxes on firms make it more costly for them to produce all the goods that people want.
- D) taxes on consumers make it more difficult for them to buy all the goods they want.

Ans: B

38. One question that arises when determining for whom goods and services should be produced is:

- A) Who gets how much of the economic pie?

- B) How can we import more goods for domestic consumption?
- C) How can we reduce exports so as to leave more goods for domestic consumption?
- D) Should society outlaw child labor?

Ans: A

39. In the 1930s, the federal government established the social security system to provide a minimum level of income to elderly and disabled people. This primarily addressed the economic question of:

- A) When will each good be produced?
- B) For whom shall the goods be produced?
- C) What goods and services should a society produce?
- D) How should the resources be organized for production?

Ans: B

40. Whenever a choice is made:

- A) the value of all the other choices that could have been made is called opportunity cost.
- B) normative economics is encountered.
- C) the problem of "all other things unchanged" results.
- D) the opportunity cost of that choice is the highest-valued other choice that could have been made.

Ans: D

41. Whenever a choice is made:

- A) the cost of that choice could be referred to as opportunity cost.
- B) the cost is easy to measure in dollar terms.
- C) a free good must be involved.
- D) scarcity is not the problem.

Ans: A

42. Opportunity cost is:

- A) the costs of all sacrifices not chosen when a choice is made.
- B) the highest valued other choice that could have been made.
- C) the result of having made a bad choice.
- D) the result of not making choices at the margin.

Ans: B

43. The opportunity cost of something is:

- A) greater during periods of rising prices.
- B) equal to the money cost.
- C) less during periods of falling prices.
- D) what is given up to acquire it.

Ans: D

44. Opportunity cost is:

- A) \$12.95.
- B) the dollar payment for a product.
- C) the benefit derived from a product.
- D) the value of the best alternative forgone in making any choice.

Ans: D

45. The sacrifice of an alternative is called:

- A) revenue.
- B) benefit.
- C) opportunity cost.
- D) production.

Ans: C

46. Economics is different from other social sciences because it gives special emphasis to the study of _____; it is similar to other social sciences because they are all concerned with the study of _____.

- A) unlimited resources; economic systems
- B) human interactions; limited resources
- C) opportunity costs; choices
- D) social behavior; scarcity

Ans: C

47. The economic way of thinking includes:

- A) attention paid to the opportunity costs involved in any choice.
- B) the assumption that individuals choose to average out some objective.
- C) concern with the biological make up of decision makers.
- D) emphasis on how choices affect total values rather than marginal values.

Ans: A

48. The economic way of thinking includes:

- A) more attention paid to benefits rather than the costs involved in any choice.
- B) the assumption that individuals choose to maximize some objective.
- C) emphasis on how choices affect total values rather than marginal values.
- D) the notion that the world has solved the problem of scarcity.

Ans: B

49. The economic way of thinking includes:

- A) more attention paid to benefits rather than the costs involved in any choice.
- B) the assumption that individuals choose to average out some objective.
- C) emphasis on how choices are made at the margin.
- D) the notion that the industrialized nations have solved the problem of scarcity.

Ans: C

50. Making choices that are expected to achieve the highest possible value for some objective is termed:

- A) maximizing.
- B) minimizing.
- C) sanitizing.

D) satisfying.

Ans: A

51. The economic way of thinking has to do with:

- A) analyzing benefits but not costs.
- B) analyzing costs but not benefits.
- C) making choices at the margin.
- D) making the distinction between microeconomics and macroeconomics.

Ans: C

52. The concept of the margin deals with:

- A) making incremental choices.
- B) one more or one less of something.
- C) doing a little more or a little less.
- D) all of the above.

Ans: D

53. A feature that distinguishes economists' approach to making choices is (are):

- A) assigning opportunity costs a major role in their analyses of choices.
- B) assuming individuals make choices to maximize objectives.
- C) emphasizing that choices are made at the margin.
- D) all of the above.

Ans: D

54. A choice made _____ is a choice whether to do a little more or a little less of something.

- A) at the front end
- B) in the beginning
- C) at the margin
- D) all of the above.

Ans: C

55. The BEST example of making a choice at the margin is:

- A) buying a new car.
- B) quitting your job.
- C) a coffee drinker drinking another cup of coffee.
- D) attending college.

Ans: C

56. Macroeconomics deals with:

- A) bits and pieces of the economy.
- B) the question of how a business unit should operate profitably.
- C) the analysis of the aggregate values in the economy.
- D) ceteris paribus.

Ans: C

57. Microeconomics deals with:

- A) the working of the entire economy or large sectors of it.
- B) employment, growth, and inflation.
- C) individual units in the economy.
- D) normative economics for the most part.

Ans: C

58. The primary emphasis in macroeconomics is on:

- A) how firms set prices.
- B) aggregates in the economy.
- C) marginal analysis and normative economics.
- D) international trade and environmental economics.

Ans: B

59. Unemployment and inflation are:

- A) not relevant in the U.S. economy today.
- B) major topics in macroeconomics.
- C) unique only to capitalistic economies.

D) very important in the study of microeconomics.

Ans: B

60. The study of a single firm and how it determines prices would fall under:

- A) macroeconomics.
- B) microeconomics.
- C) the study of inflation.
- D) normative economics.

Ans: B

61. Which of the following would be a part of macroeconomics? A study of:

- A) the change in automobile sales due to a change in the price of automobiles.
- B) a tax reduction impact on the profits of a business.
- C) inflation.
- D) the unemployment of workers displaced by technological change in the typesetting industry.

Ans: C

62. The branch of economics that examines the choices of consumers and firms is:

- A) positive economics.
- B) normative economics.
- C) macroeconomics.
- D) microeconomics.

Ans: D

63. The branch of economics that examines the impact of choices on aggregates in the economy is:

- A) positive economics.
- B) normative economics.
- C) macroeconomics.
- D) microeconomics.

Ans: C

64. Economists concerned about the behavior of individual households, firms, and industries are studying:

- A) microeconomics.
- B) macroeconomics.
- C) neither macroeconomics nor microeconomics.
- D) the "forest" of economic behavior, rather than the "trees."

Ans: A

65. Economists concerned about economy-wide trends in the unemployment of labor, the rate of inflation, and the level of economic production are studying:

- A) microeconomics.
- B) macroeconomics.
- C) specific units or parts of the economy.
- D) the "trees" of economic behavior, rather than the "forest."

Ans: B

66. Macroeconomics is most likely to be concerned with the:

- A) amount of unemployment in a specific industry.
- B) economic behavior of a particular household.
- C) economic behavior of specific parts or units of the economy.
- D) aggregates in the economy.

Ans: D

67. Microeconomics is most likely to be concerned with the:

- A) economy as a whole.
- B) activity of large segments of the economy.
- C) economic behavior of specific parts or units of the economy.
- D) economy-wide trends in unemployment, prices, and production.

Ans: C

68. The Case in Point on earnings of economics majors provides data that indicates:
- A) business economists tend to make lower incomes than do university professors in the early stages of the professors careers.
 - B) students who major in economics tend to have higher earnings than those who major in other social sciences..
 - C) business economists with a master's degree earn more on average than business economists with a Ph.D.
 - D) because business economists are full-time employees of corporations, they have no opportunity to earn additional income from writing and consulting.

Ans: B

69. The Case in Point on earnings of economics majors made all of the following points EXCEPT:
- A) Firms that use maquiladoras have transferred from the United States to Mexico the stages of the manufacturing process that use more machinery and less labor.
 - B) It isn't clear whether the higher earnings of economics majors are due to training in economics or some sort of self-selection mechanism -- students who end up earning more may be more likely to major in economics..
 - C) Training in economics may be highly valued in the marketplace.
 - D) Students who major in economics tend to earn more in business-related fields than do students who major in business.

Ans: A

70. The scientific method is more difficult for economists than, say, chemists, because:
- A) controlled laboratory conditions are more problematic in economics.
 - B) it is difficult to hold other factors that may affect the variables being studied constant in economics.
 - C) economic conditions may change quickly and unexpectedly.
 - D) all of the above.

Ans: D

71. Anything whose value can change is a:

- A) variable.
- B) constant.
- C) hypothesis.
- D) all of the above.

Ans: A

72. Something whose value does not change is a:

- A) variable.
- B) constant.
- C) hypothesis.
- D) all of the above.

Ans: B

73. A systematic set of procedures through which knowledge is created is:

- A) the economy.
- B) the scientific method.
- C) a market.
- D) a model.

Ans: B

74. A hypothesis is an assertion that can be:

- A) proven to be false.
- B) proven to be true.
- C) proven to be true or false.
- D) tested only in the normative sense.

Ans: A

75. A proposition about the relationship between two variables that can be proven false is called:

- A) a hypothesis.
- B) a law.
- C) a theory.

D) the scientific method.

Ans: A

76. The models used in economics:

- A) are usually limited to variables that are directly related.
- B) are essentially not reliable because they are not testable in the real world.
- C) are of necessity unrealistic and have no relationship to the real world.
- D) emphasize basic relationships by abstracting from complexities in the everyday world.

Ans: D

77. Economic models are:

- A) created and used in order to duplicate virtually every aspect of the real world.
- B) useless if they are simple.
- C) made generally of wood, plastic, and/or metal.
- D) built using assumptions.

Ans: D

78. A model or theory in economics is:

- A) based mostly on value judgments.
- B) built using relevant observations, assumptions, and abstractions.
- C) only useful if it correctly portrays the real world and its complexities.
- D) useful only if it is based on normative economic statements.

Ans: B

79. Which of the following statements is (are) true?

- A) A model is a set of simplifying assumptions about some aspect of the real world.
- B) Models are based on assumed conditions that are simpler than those of the real world.
- C) A model cannot be a complete representation of the real world.
- D) All of the above are true.

Ans: D

80. According to the text, which of the following is true?
- A) Scientists can prove a hypothesis is true.
 - B) Scientists can show that a hypothesis is false.
 - C) Economists really don't try to use the scientific method.
 - D) None of the above is true.

Ans: B

81. In economics, the function of theories, laws, and hypotheses is to:
- A) prevent any misunderstanding of economic behavior.
 - B) divide topics between microeconomics and macroeconomics.
 - C) generate a complete and unchanging description of economic behavior.
 - D) discover relationships between events that are important to economic behavior.

Ans: D

82. A hypothesis that has been tested extensively without being rejected and has won widespread acceptance is a:
- A) model.
 - B) constant.
 - C) variable.
 - D) theory.

Ans: D

83. A theory that has won virtually universal acceptance is a:
- A) model.
 - B) hypothesis.
 - C) law.
 - D) variable.

Ans: C

84. A simplified representation of a particular problem is a:
- A) model.

- B) constant.
- C) hypothesis.
- D) law.

Ans: A

85. Each of the following statements about the use of models in the study of economics is true EXCEPT:

- A) models fit the observed facts exactly.
- B) models are sometimes revised in light of new research findings.
- C) models are easier to manipulate than the reality they represent.
- D) models contain the essential features of the economic behavior being studied.

Ans: A

86. Economists are:

- A) concerned with developing theories and interested in solving problems.
- B) interested in solving problems but not concerned with developing theories.
- C) reluctant to predict changes in variables such as prices, employment, and spending.
- D) always in agreement on the best way to implement policy decisions.

Ans: A

87. Economists are:

- A) concerned with developing theories but not interested in solving problems.
- B) interested in solving problems but not concerned with developing theories.
- C) reluctant to predict changes in variables such as prices, employment, and spending.
- D) not always in agreement on the best way to implement policy decisions.

Ans: D

88. A variable that responds to a change in another variable is called a(n) _____ variable.

- A) independent
- B) dependent

- C) theoretical
- D) all of the above are true

Ans: B

89. A variable that induces a change in another variable is a(n):
- A) dependent variable.
 - B) independent variable.
 - C) codependent variable.
 - D) constant variable.

Ans: B

90. A basic assumption used in many economic models is:
- A) as price goes up, the amount purchased will go up too.
 - B) as price goes up, less will be offered for sale on the market.
 - C) if the underlying theory doesn't represent reality, it is not useful.
 - D) ceteris paribus, which means all other things remain unchanged.

Ans: D

91. Ceteris paribus means:
- A) allowing all other things to change.
 - B) making value judgments.
 - C) all other things unchanged.
 - D) differentiating between macroeconomics and microeconomics.

Ans: C

92. The "all other things unchanged" assumption is useful because it:
- A) states the main economic objectives.
 - B) is a vehicle for determining whether a particular outcome is "good" or "bad".
 - C) helps to approximate real-world conditions.
 - D) helps to restrict analysis to the effect of a single economic factor.

Ans: D

93. The "all other things unchanged" assumption is used to:

- A) express the fundamental questions in economics.
- B) approximate real-world conditions.
- C) simplify the very complex real world.
- D) do all of the above.

Ans: C

94. A term that means "all other things unchanged" is:

- A) dependent variable.
- B) independent variable.
- C) quid pro quo.
- D) ceteris paribus.

Ans: D

95. The use of controlled experiments using particular substances to test hypotheses is most likely to be found in:

- A) chemistry.
- B) economics.
- C) history.
- D) the humanities.

Ans: A

96. Reaching the incorrect conclusion that one event causes another because the events tend to occur together is called:

- A) the scientific method.
- B) the economic way of thinking.
- C) making choices at the margin.
- D) the fallacy of false cause.

Ans: D

97. The incorrect presumption that because two events tend to occur together, one must cause the other is the:

- A) confusion of economists.
- B) blunder of science.
- C) fallacy of false cause.
- D) error of inclusion.

Ans: C

98. A person who mistakenly assumes that because one event follows another, the second event results from the first commits the fallacy of:

- A) division.
- B) addition.
- C) composition.
- D) false cause.

Ans: D

99. Suppose you observe that the sun sets every evening after the six o'clock business report. If you conclude that the six o'clock business report makes the sun set, you are guilty of the fallacy of:

- A) division.
- B) composition.
- C) false cause.
- D) science.

Ans: C

100. The Case in Point on "baldness and heart disease" suggests that by preventing baldness:

- A) men can reduce the likelihood they will develop colon cancer.
- B) men are unlikely to influence their chances of having heart problems.
- C) men are likely to reduce their chances of having heart problems.

D) men can live longer.

Ans: B

101. The observed correlation between baldness and heart disease demonstrates that:

- A) being bald causes a man to have heart disease.
- B) being bald actually makes heart disease less likely.
- C) bald men are generally unreliable.
- D) there is probably some other factor that causes both baldness and heart disease.

Ans: D

102. Statements that are a hypothesis or statement of fact are:

- A) pecuniary.
- B) positive.
- C) nominal.
- D) normative.

Ans: B

103. An example of a positive statement is:

- A) The rate of unemployment is 4 percent.
- B) A high rate of economic growth is good for the country.
- C) Everyone in the country needs to be covered by national health insurance.
- D) Baseball players should not be paid higher salaries than the president of the United States.

Ans: A

104. An example of a positive statement is:

- A) The rate of unemployment should be 4 percent.
- B) A high rate of economic growth is good for the country.
- C) an increase in investment spending tends to reduce unemployment..
- D) Everyone in the country needs to be covered by national health insurance.

Ans: C

105. Statements that make value judgments are:

- A) pecuniary.
- B) positive.
- C) nominal.
- D) normative.

Ans: D

106. An example of a normative statement is:

- A) The rate of unemployment is 4 percent.
- B) A high rate of economic growth is good for the country.
- C) The federal government spends half of its budget on national defense.
- D) People with health insurance tend to spend more on health care than those who are uninsured..

Ans: B

107. An example of a normative statement is:

- A) The rate of unemployment is 4 percent.
- B) A high rate of economic growth creates more jobs for the country.
- C) The federal government spends half of its budget on national defense.
- D) Everyone in the country needs to be covered by national health insurance.

Ans: D

108. The current rate of unemployment of 5 percent is too high. This is a _____ statement.

- A) normative
- B) ceteris paribus
- C) positive
- D) fallacy of false cause

Ans: A

109. The current rate of unemployment is 5 percent. This statement:

- A) is positive.

- B) is normative.
- C) involves a value judgment.
- D) is a personal reflection and has no value in economics.

Ans: A

110. Many disagreements among economists result because:

- A) economists deal only with positive economics.
- B) economists sometimes make normative judgments.
- C) economics is a social science.
- D) economics deals so much with theories and models.

Ans: B

111. "Smokers are more likely to be murdered than nonsmokers." This statement is an example of : :

- A) the fallacy of unintended consequences:.
- B) a positive economic statement.
- C) a normative economic statement.
- D) a value judgment.

Ans: B

112. Most economists' disagreements are a result of:

- A) factual considerations.
- B) positive economics.
- C) the scientific method.
- D) normative considerations.

Ans: D

113. The statement that the minimum wage needs to be increased is a:

- A) positive statement.
- B) normative statement.
- C) condition contained in the fallacy of false cause.
- D) scientific conclusion based on marginal analysis.

Ans: B

114. Positive statements:

- A) imply value judgments must be made.
- B) are factual and can be tested.
- C) deal with what ought to be.
- D) are dealt with primarily in microeconomics.

Ans: B

115. Positive statements are:

- A) microeconomic in nature.
- B) macroeconomic in nature.
- C) statements involving value judgments.
- D) statements that can be tested.

Ans: D

116. A normative statement deals with:

- A) the facts.
- B) what was, is, or will be.
- C) what ought to be.
- D) the scientific method.

Ans: C

True/False

117. The existence of alternative uses for a resource implies it isn't scarce.

Ans: False

118. The situation when we face alternative choices is called abundance.

Ans: False

119. A good is scarce if we must sacrifice something to obtain it.

Ans: True

Is

120. Scarcity is determined by the existence of bad alternatives.

Ans: False

121. A free good is one that can be acquired without sacrifice.

Ans: True

122. Anything that has alternative uses has an opportunity cost and is, therefore, scarce.

Ans: True

123. The questions of what goods to produce, how to produce them, and for whom to produce them are of concern only in advanced industrial economies.

Ans: False

124. The economic way of thinking pays special attention to costs, assumes individuals seek to

maximize some objective, and focuses on choices at the margin.

Ans: True

125. Microeconomics is a branch of economics that examines the impact of choices on aggregates in the economy.

Ans: False

126. A theory or model is a simplification of reality, in much the same way that a road map shows only those features needed to get from one point to another.

Ans: True

127. The fallacy of false cause is committed when a person mistakenly assumes that one event causes another because the first event precedes the second.

Ans: True

128. The three fundamental economic questions are what, how, and why.

Ans: False

129. Margin suggests additional or incremental.

Ans: True

130. Opportunity cost is the expected value of the alternative not chosen.

Ans: True

131. All choices have monetary costs.

Ans: False

132. An attempt should always be made to maximize opportunity cost.

Ans: False

133. The value of the next-best choice not chosen is called opportunity cost.

Ans: True

134. Economists pay special attention to making choices at the margin.

Ans: True

135. Individuals will usually make choices to minimize the value of some objective.

Ans: False

136. Economists attempt to discover explanations for events that are observed.

Ans: True

137. Ceteris paribus means allowing all things to change.

Ans: False

138. Positive statements can be tested for being true but they can't be proven false.

Ans: False

Short Answer

139. `Briefly define scarcity, choice, and opportunity cost and explain carefully how they are related and why they are so essential in the study of economics.

Ans:

140. Explain how and why the concept of "all other things unchanged" is so important in the study of economics.

Ans:

141. Distinguish between microeconomics and macroeconomics.

Ans:

142. Define positive and normative statements and give four examples of each.

Ans:

143. "Since economics is a science, economists must not become involved in making any value judgments in their formulation of policy." Do you agree with this statement? Explain.

Ans:

144. Explain the following statement: "The relative scarcity of resources makes the operation of any economic system a matter of choosing among various alternatives."

Ans:

145. Explain the following statement: "In economics there are few absolute solutions. Almost all problem solutions require tradeoffs."

Ans:

146. Two important notions in economics are the scarcity of resources and the tremendous magnitude of the wants of people. Given this, evaluate and explain the following statement: "The study of economics is essentially to investigate how to maximize the satisfaction of wants utilizing available resources."

Ans:

147. Explain the rationale behind the assertion that economics is a social science and uses the scientific method.

Ans: