

## Chapter 01 Limits, Alternatives, and Choices

### True / False Questions

1. Rational individuals may make different choices because their information and circumstances differ.

**TRUE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-05 Marginal Analysis: Comparing Benefits and Costs*

2. Certain inherently desirable products such as education and health care should be produced so long as resources are available.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-07 Microeconomics and Macroeconomics*

3. Marginal analysis means that decision-makers compare the extra benefits with the extra costs of a specific choice.

**TRUE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

4. Choices entail marginal costs because resources are scarce.

**TRUE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

5. If economic theories are solidly based on relevant facts, then there can be no question as to the character of appropriate economic policy.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

6. The fact that economic generalizations are abstract renders them impractical and useless.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

7. Macroeconomics explains the behaviour of individual households and business firms; microeconomics is concerned with the behaviour of aggregates or the economy as a whole.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

8. Positive statements are expressions of value judgments.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

9. Normative statements are expressions of facts.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

10. Individuals face an economic problem but society does not.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-12 Limited Income*

11. The entrepreneur's sole function is to combine other resources (land, labour, and capital) in the production of some good or service.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-18 Income Changes*

12. Products and services are scarce because resources are scarce.

**TRUE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-19 Society's Economic Problem*

13. The process by which capital goods are accumulated is known as investment.

**TRUE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-18 Income Changes*

14. The production possibilities curve shows various combinations of two products which an economy can produce when achieving full employment and productive efficiency.

**TRUE**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

15. An economy will always operate at some point on its production possibilities curve.

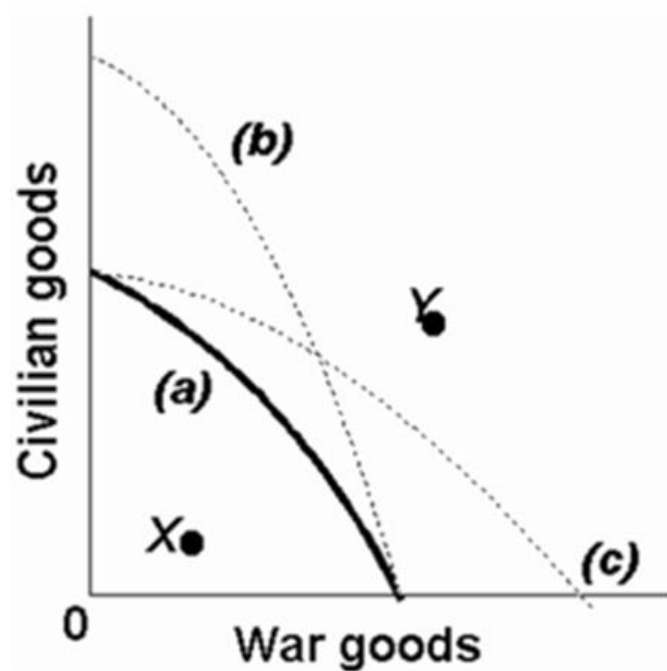
**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*



16.

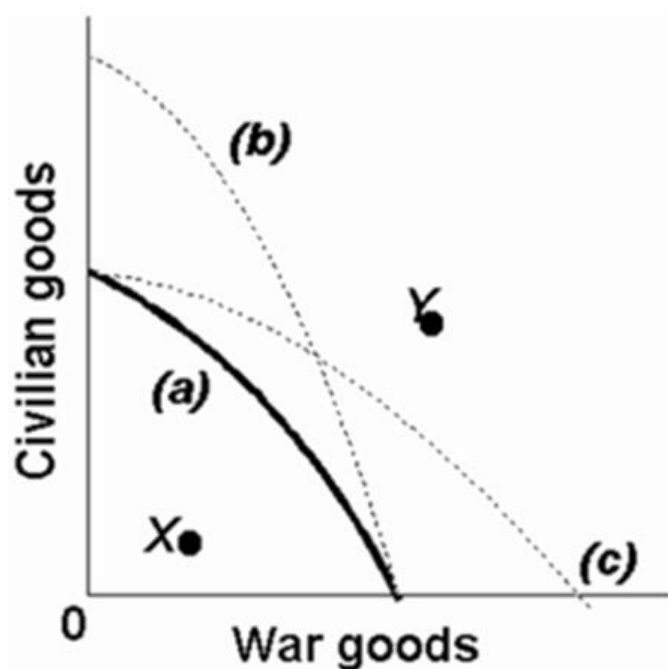
Refer to the above production possibilities curves. Given production possibilities curve (a), point Y indicates that society is failing to use available resources efficiently.

**FALSE**

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*



17.

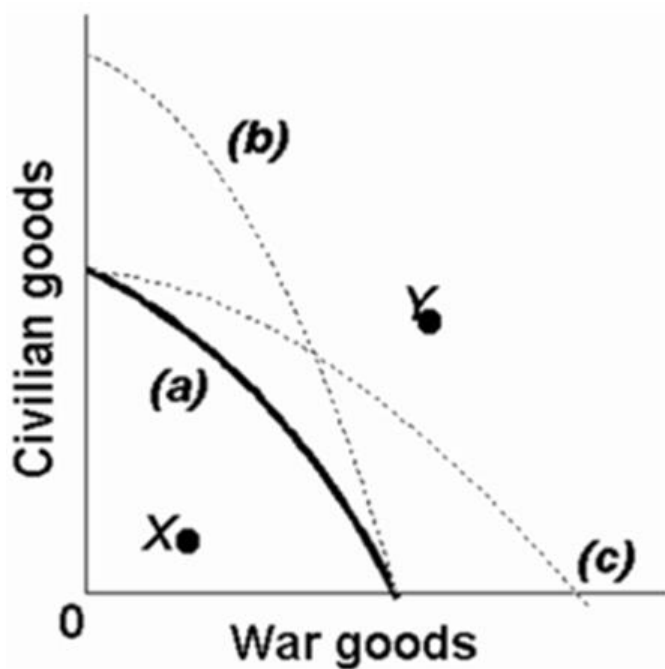
Refer to the above production possibilities curves. The movement from curve (a) to curve (b) implies an increase in the quantity and/or quality of society's productive resources.

**TRUE**

*Difficulty: Hard*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*



18.

Refer to the above production possibilities curves. Given production possibilities curve (a), the combination of civilian and war goods indicated by point X is unattainable to this economy.

**FALSE**

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

19. An economy cannot produce at a point outside of its production possibilities curve because human material wants are insatiable.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

20. Although sleeping in on a work day or school day has an opportunity cost, sleeping late on the weekend does not.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Hard*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

21. Recessions are characterised by points that are not attainable on the production possibilities curve.

**FALSE**

*Accessibility: Keyboard Navigation*

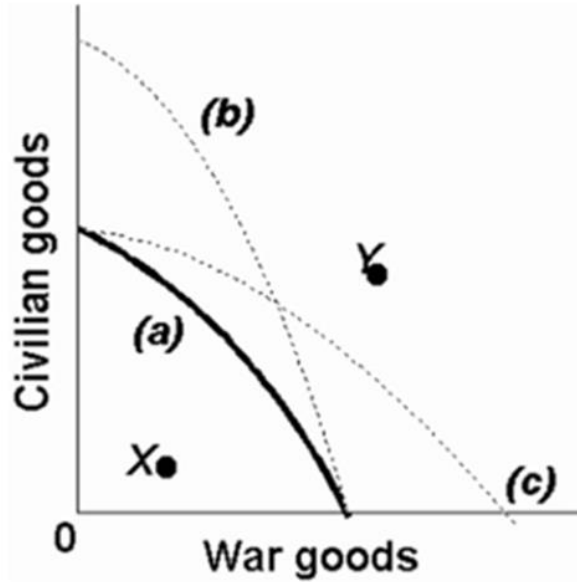
*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*



22. Refer to the production possibilities curves. The movement from curve (a) to curve (c) indicates an improvement in civilian goods technology but not in war goods technology.



**FALSE**

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

23. The present choice of position on the production possibilities curve will not influence the future location of the curve.

**FALSE**

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

### Multiple Choice Questions

Chapter 01 - Limits, Alternatives, and Choices

24. The economic concept that serves as the basis for the study of economics is:
- A. inflation.
  - B. unemployment.
  - C. money.
  - D.** scarcity.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-01 List the ten key concepts to retain for a lifetime.*

*Topic: 01-01 Ten Key Concepts to Retain for a Lifetime*

25. As a consequence of the condition of scarcity:
- A. there is always enough of everything.
  - B. production has to be centrally planned.
  - C. things which are plentiful have relatively high prices.
  - D.** individuals and communities have to make choices among alternatives.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-06 Theories, Principles, and Models*

26. In every economic system, choices must be made because resources are:
- A. infinite, but economic wants are finite.
  - B.** finite, but economic wants are insatiable.
  - C. unlimited, but economic wants are limited.
  - D. limited, and so are economic wants.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-06 Theories, Principles, and Models*

27. Opportunity cost is best defined as:
- A. marginal cost minus marginal benefit.
  - B. the time spent on an economic activity.
  - C.** the value of the best foregone alternative.
  - D. the money cost of an economic decision.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-01 List the ten key concepts to retain for a lifetime.*

*Topic: 01-02 The Economic Way of Thinking*

28. Tammie makes \$150 a day as a bank clerk. She takes off two days of work without pay to fly to another city to attend the concert of her favourite music group. The cost of transportation for the trip is \$250. The cost of the concert ticket is \$50. The opportunity cost of Tammie's trip to the concert is:
- A. \$300
  - B. \$450
  - C. \$500
  - D.** \$600

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-07 Microeconomics and Macroeconomics*

29. When a provincial government chooses to build more roads, the required resources are no longer available for spending on public education. This dilemma illustrates the concept of:
- A. marginal analysis.
  - B. full employment.
  - C. full production.
  - D.** opportunity cost.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-07 Microeconomics and Macroeconomics*

Chapter 01 - Limits, Alternatives, and Choices

30. Specialization and trade are beneficial to society because:

- A. the output of economic goods may be increased with no increase in resources.
- B. scarce resources are utilized more efficiently.
- C. a division of labour lowers prices for products.
- D.** all of the above are correct.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-01 List the ten key concepts to retain for a lifetime.*

*Topic: 01-03 Scarcity and Choice*

31. When economists describe "a market," they mean:

- A. a place where stocks and bonds are traded.
- B. information networks that allow individuals to keep in touch with each other.
- C. a hypothetical place where the production of goods and services takes place.
- D.** a mechanism which coordinates actions of consumers and producers to establish equilibrium prices and quantities.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-01 List the ten key concepts to retain for a lifetime.*

*Topic: 01-03 Scarcity and Choice*

32. The institution that coordinates actions of consumers and producers to establish prices for goods and services is known as:

- A.** a market.
- B. a monopoly.
- C. a production possibilities curve.
- D. consumer sovereignty.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-01 List the ten key concepts to retain for a lifetime.*

*Topic: 01-03 Scarcity and Choice*

Chapter 01 - Limits, Alternatives, and Choices

33. A major argument for economic growth is that it:
- A. creates an equal distribution of income.
  - B. protects common property resources.
  - C.** leads to a higher standard of living.
  - D. reduces the amount of taxation.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

34. One of the basic economic defences of economic growth rests on the conclusion that:
- A. growth makes workers less obsolete and more secure in employment.
  - B. growth reduces the cost of "common property" resources to society.
  - C.** growth makes the gap between unlimited wants and scarce resources less acute.
  - D. a growth-oriented society has a relatively equitable income distribution.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-14 The Budget Line*

35. Concern about the general level of prices in an economy is primarily a concern about the economic goal of:
- A. economic efficiency.
  - B. economic security.
  - C.** price-level stability.
  - D. equity.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

36. Assume that a tradeoff exists in the short run between inflation and unemployment. This relationship means that:

- A. a low rate of unemployment causes a low rate of inflation.
- B. the unemployment rate always equals the inflation rate.
- C.** less unemployment can be achieved with more inflation.
- D. less unemployment can be achieved with less inflation.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

37. The study of economics is primarily concerned with:

- A. keeping private businesses from losing money.
- B. demonstrating that capitalistic economies are superior to socialistic economies.
- C.** choices which are made in seeking to use scarce resources efficiently.
- D. determining the most equitable distribution of society's output.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

38. The assertion that "There is no free lunch" means:

- A. there are always tradeoffs between economic goals.
- B.** all production involves the use of scarce resources and thus the sacrifice of alternative goods.
- C. marginal analysis is not used in economic reasoning.
- D. choices do not need be made if behaviour is rational.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-06 Theories, Principles, and Models*

39. The study of economics exists because:

- A. government interferes with the efficient allocation of scarce resources.
- B.** resources are scarce in relation to human material wants.
- C. the market system is an obstacle to the efficient use of plentiful resources to satisfy constrained wants.
- D. resources are overly abundant as compared to wants; thus, an allocation problem exists.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-06 Theories, Principles, and Models*

40. Economics may best be defined as:

- A. the interaction between macro and micro considerations.
- B.** the study of the behaviour of people and institutions in the production, distribution, and consumption of scarce goods.
- C. the empirical testing of value judgments through the use of induction and deduction.
- D. the use of policy to refute facts and hypotheses.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-05 Marginal Analysis: Comparing Benefits and Costs*

41. Purposeful behaviour suggests that:

- A. everyone will make identical choices.
- B. resource availability exceeds material wants.
- C.** individuals make decisions with some desired outcome in mind.
- D. an individual's economic goals cannot involve tradeoffs.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-07 Microeconomics and Macroeconomics*

42. Consumers spend their incomes to get the maximum benefit or satisfaction from the goods and services they purchase. This is a reflection of:

- A. resource scarcity and the necessity of choice.
- B.** purposeful behaviour.
- C. marginal costs which exceed marginal benefits.
- D. the tradeoff problem which exists between competing goals.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-07 Microeconomics and Macroeconomics*

43. The "economic perspective" refers to:

- A. macroeconomic phenomena, but not microeconomic phenomena.
- B. microeconomic phenomena, but not macroeconomic phenomena.
- C.** the making of rational decisions in a context of marginal costs and marginal benefits.
- D. unlimited resources in a context of limited material wants.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

44. The "economic perspective" entails:

- A. rational behaviour by individuals and institutions.
- B. a comparison of marginal benefits and marginal costs in decision making.
- C. the altering of behaviour when marginal benefits and marginal costs change.
- D.** all of the above.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*



45. The economic perspective used in customer decision making at fast-food restaurants is reflected in:

- A. customers selecting the shortest line.
- B. customers leaving rather than waiting if all lines are long.
- C. all customer lines tending to be of equal length.
- D.** all of the above.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

46. How is the economic perspective reflected in lines for fast food?

- A. Customers select the shortest line because they have perfect information.
- B.** Customers select the shortest line because they believe it will reduce their time cost of obtaining food.
- C. Lines will typically be of unequal length because of the inefficiencies in counter service.
- D. The set of food choices is often too complex for most customers and thus creates long lines.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

47. From an economic perspective, when consumers leave a fast-food restaurant because the lines to be served are too long, they have concluded that the:

- A. marginal cost of waiting is less than the marginal benefit of being served.
- B.** marginal cost of waiting is greater than the marginal benefit of being served.
- C. management is exhibiting irrational behaviour by not maximizing profits.
- D. management is making an assumption that other things are equal.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

48. Consumers might leave a fast-food restaurant without being served because:

- A. they are misinformed about the marginal cost and marginal benefits of the food being served.
- B.** they conclude that the marginal cost (monetary plus time costs) exceeds the marginal benefit.
- C. the environment is not conducive to a rational choice.
- D. the lines waiting for service are not of equal length.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

49. At fast-food restaurants:

- A. consumers enjoy complete and accurate information.
- B. decisions are usually made by trial and error.
- C.** decisions entail comparisons of marginal costs and marginal benefits.
- D. benefits always exceed costs.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

50. Economics involves "marginal analysis" because:

- A.** most decisions involve changes in the status quo.
- B. marginal benefits always exceed marginal costs.
- C. marginal costs always exceed marginal benefits.
- D. much economic behaviour is irrational.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

51. You should decide to go to a movie:

- A. if the marginal cost of the movie exceeds its marginal benefit.
- B.** if the marginal benefit of the movie exceeds its marginal cost.
- C. if your income will allow you to buy a ticket
- D. because movies are inherently good products.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

52. Marginal costs exist because:

- A.** the decision to produce more of some product means the sacrifice of other products.
- B. wants are scarce relative to resources.
- C. households and businesses make rational decisions.
- D. most decisions do not involve sacrifices or tradeoffs.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

53. Even though local newspapers are very inexpensive, people rarely buy more than one of them each day. This fact:

- A. is an example of irrational behaviour.
- B. implies that reading should be taught through phonics rather than the whole language method.
- C. contradicts the economic perspective.
- D.** implies that, for most people, the marginal benefit of reading a second newspaper is less than the marginal cost.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-08 Microeconomics*

54. The process of developing hypotheses, testing them against facts, and using the results to construct theories is called:

- A. opportunity cost calculation.
- B.** the scientific method.
- C. marginal analysis.
- D. microeconomics.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

55. A "hypothesis" is:

- A. a fundamental truth which all economists accept.
- B.** a tentative, untested principle.
- C. the same as a normative statement.
- D. always the result of induction.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

56. From the perspective of economists, which term provides the highest degree of confidence for explaining economic behaviour?

- A.** an economic principle or a law
- B. a fact
- C. a hypothesis
- D. an assumption

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

57. In constructing models, economists:

- A. make simplifying assumptions.
- B. include all available information.
- C. must use mathematical equations.
- D. attempt to duplicate the real world.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

58. Economic models:

- A. are of limited use because they cannot be tested empirically.
- B. are limited to variables which are directly related to one another.
- C. emphasize basic economic relationships by abstracting from the complexities of the real world.
- D. are unrealistic and therefore of no practical consequence.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

59. An economic model is:

- A. a value judgment.
- B. a fact.
- C. built using theory.
- D. built on correlations.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

60. The term "ceteris paribus" means:
- A. that if event A precedes event B, A has caused B.
  - B. that economics deals with facts, not values.
  - C.** other things equal.
  - D. prosperity inevitably follows recession.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

61. Suppose an economist says that "Other things equal, the lower the price of bananas, the greater the amount of bananas purchased." This statement indicates that:
- A. the quantity of bananas purchased determines the price of bananas.
  - B.** all factors other than the price of bananas (for example, consumer tastes and incomes) are assumed to be constant.
  - C. economists can conduct controlled laboratory experiments.
  - D. one cannot generalize about the relationship between the price of bananas and the quantity purchased.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

62. The term "other things equal" means that:
- A. the associated statement is normative.
  - B. many variables affect the variable under consideration.
  - C.** the assumption that factors other than those being considered do not change.
  - D. when variable X increases so does related variable Y.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

63. The basic purpose of the "other things equal" assumption is to:

- A.** allow one to reason about the relationship between variables X and Y without the intrusion of variable Z.
- B. allow one to focus upon micro variables by ignoring macro variables.
- C. allow one to focus upon macro variables by ignoring micro variables.
- D. determine whether X causes Y or vice versa.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-09 Macroeconomics*

64. Microeconomics is concerned with:

- A. the aggregate or total levels of income, employment, and output.
- B.** a detailed examination of specific economic units which comprise the economic system.
- C. the concealing of detailed information about specific segments of the economy.
- D. the establishing of an overall view of the operation of the economic system.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-11 The Individual's Economic Problem*

65. Microeconomics:

- A. is concerned with the aggregate or total levels of income, employment, and output.
- B. is not concerned with details, but only with the overall "big picture" of the economy.
- C.** is concerned with individual economic units and specific markets.
- D. describes the aggregate flows of output and income.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-11 The Individual's Economic Problem*

66. Which of the following is a microeconomic statement?

- A. The real domestic output increased by 2.5 percent last year.
- B. Unemployment was 8.3 percent of the labour force last year.
- C.** The price of personal computers declined last year.
- D. The general price level increased by 4 percent last year.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-11 The Individual's Economic Problem*

67. Macroeconomics approaches the study of economics from the viewpoint of:

- A.** the entire economy.
- B. governmental units.
- C. the operation of specific product and resource markets.
- D. individual firms.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

68. Which of the following is associated with macroeconomics?

- A. an examination of the incomes of the University of Toronto Business School graduates
- B.** an empirical investigation of the general price level and unemployment rates in the 2000s
- C. a study of the trend of pecan prices since World War II
- D. a case study of pricing and production in the textbook industry

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*



69. The problems of aggregate inflation and unemployment are:

- A.** major topics of macroeconomics.
- B. not relevant to the Canadian economy.
- C. major topics of microeconomics.
- D. peculiar to socialistic economies.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

70. Which of the following statements pertains to macroeconomics?

- A. Because the minimum wage was raised, Mrs. Beepath decided to enter the labour force.
- B. A decline in the price of soybeans caused farmer Wanek to plant more land in wheat.
- C.** The national productivity rate grew by 1.4 percent last year.
- D. The Pumpkin Center Chartered Bank increased its interest rate on consumer loans by 1 percent.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

71. Macroeconomics can best be described as the:

- A. analysis of how a consumer tries to spend income.
- B.** study of the large aggregates of the economy or the economy as a whole.
- C. analysis of how firms attempt to maximize their profits.
- D. study of how supply and demand determine prices in individual markets.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

72. Which of the following is a macroeconomic statement?

- A.** The gross profits of all Canadian businesses were \$70 billion last year.
- B. The price of beef declined by 3 percent last year.
- C. General Motors' profits increased in 2012.
- D. The productivity of steelworkers increased by 1 percent in 2012.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

73. A positive statement is one which is:

- A. derived by an abstract generalization.
- B. suggestive of what should be done.
- C. subjective and is based on a value judgment.
- D.** objective and is also based on facts.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-10 Positive and Normative Economics*

74. Which of the following is a positive statement?

- A. The humidity is too high today.
- B. It is too hot to jog today.
- C.** The temperature is 30 degrees today.
- D. I enjoy summer evenings when it cools off.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

Chapter 01 - Limits, Alternatives, and Choices

75. A positive statement is concerned with:
- A. some goal which is desirable to society.
  - B. what should be.
  - C.** what is.
  - D. the formulation of economic policy.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

76. A normative statement is one which:
- A. is based on the law of averages.
  - B. pertains only to microeconomics.
  - C. pertains only to macroeconomics.
  - D.** is based upon value judgments.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

77. Which of the following is a normative statement?
- A. The temperature is high today.
  - B. The humidity is high today.
  - C.** It is too hot to play tennis today.
  - D. It will cool off later this evening.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

Chapter 01 - Limits, Alternatives, and Choices

78. Normative statements are concerned with:

- A. facts and theories.
- B.** what ought to be.
- C. what is.
- D. rational choice involving costs and benefits.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

79. Most of the disagreement among economists involves:

- A. facts.
- B. theories.
- C. positive statements.
- D.** normative statements.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

80. Economics is concerned with using scarce productive resources efficiently in attempting to satisfy society's material wants. This statement is:

- A. positive, but incorrect.
- B.** positive and correct.
- C. normative, but incorrect.
- D. normative and correct.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

81. Ben says that "An increase in the tax on beer will raise its price." Holly argues that "Taxes should be increased on beer because college students drink too much." We can conclude that:

- A. Ben's statement is normative, but Holly's is positive.
- B.** Holly's statement is normative, but Ben's is positive.
- C. Both statements are normative.
- D. Both statements are positive.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-13 Unlimited Wants*

82. The global financial crisis that spread to Canada in late 2008 has been dubbed:

- A. The housing bubble crash.
- B. The great financial crisis.
- C.** The great recession.
- D. The great depression.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-04 Distinguish microeconomics from macroeconomics; and positive economics from normative economics.*

*Topic: 01-12 Limited Income*

83. The individuals and society both face an economic problem. This problem arises from the fact that:

- A. wants are limited but the resources are not.
- B.** resources are scarce relative to individual's wants.
- C. individuals and institutions behave only in their self-interest.
- D. both wants and resources are unlimited.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-14 The Budget Line*

84. The individual's limited income problem:

- A. persists only because countries have failed to achieve continuous full employment.
- B.** exists because material wants are limited.
- C. has been solved in all industrialized nations.
- D. has been eliminated in affluent societies such as Canada and the United States.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-15 Attainable and Unattainable Combinations*

85. When an economist says that material wants are insatiable, this means that:

- A. economic resources are valuable only because they can be used to produce consumer goods.
- B. economic resources—land, labour, capital, and entrepreneurial ability—are scarce.
- C.** these wants are virtually unlimited and therefore incapable of complete satisfaction.
- D. the structure of consumer demand varies from time to time and from country to country.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-14 The Budget Line*

86. As used in economics, the notion of scarce resources means that:

- A. mineral deposits are only available in finite amounts.
- B.** resources are not so plentiful that all individuals' material wants can be fulfilled.
- C. some resources are free while others have price tags on them.
- D. the quantities available of some resources exceed the demand for them.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-14 The Budget Line*

87. The budget line shows:

- A. the amount of product A which a consumer is willing to give up to obtain one more unit of product B.
- B.** all possible combinations of two goods which can be purchased, given money income and the prices of the goods.
- C. all equilibrium points on an indifference map.
- D. all possible combinations of two goods which yield the same level of utility to the consumer.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*

88. The price ratio of the two products is the:

- A. marginal rate of substitution.
- B.** slope of the budget line.
- C. point of tangency for equilibrium.
- D. elasticity of demand for the two products.

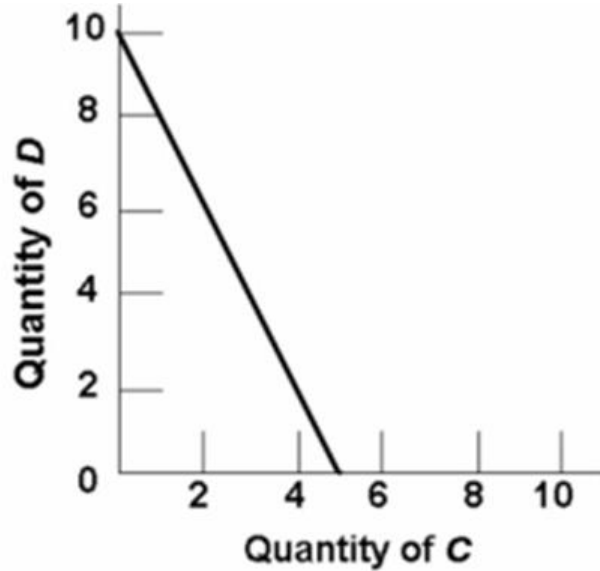
*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*

89. Refer to the budget line shown in the diagram below. If the consumer's money income is \$20, the:



- A. prices of C and D cannot be determined.
- B. price of C is \$2 and the price of D is \$4.
- C. consumer can obtain a combination of 5 units of both C and D.
- D.** price of C is \$4 and the price of D is \$2.

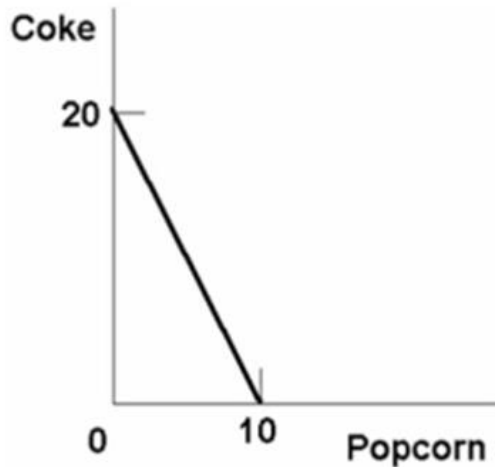
*Difficulty: Hard*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*



90. Refer to the diagram below, suppose you have a money income of \$10 all of which you spend on Coke and boxes of popcorn. The prices of Coke and popcorn respectively are:



- A.** \$.50 and \$1.00.
- B. \$1.00 and \$.50.
- C. \$1.00 and \$2.00.
- D. \$.40 and \$.50.

*Difficulty: Medium*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*

91. In moving along a given budget line:

- A.** the prices of both products and money income are assumed to be constant.
- B. each point on the line will be equally satisfactory to consumers.
- C. money income varies, but the prices of the two goods are constant.
- D. the prices of both products are assumed to vary, but money income is constant.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*

92. In drawing a budget line it is assumed that:

- A. consumer preferences are fixed.
- B. the prices of the two products are variable.
- C.** money income is fixed.
- D. consumer willingness to substitute between the two products is fixed.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*

93. Any combination of goods lying outside of the budget line:

- A. implies that the consumer is not spending all of his income.
- B. yields less utility than any point on the budget line.
- C. yields less utility than any point inside the budget line.
- D.** is unattainable, given the consumer's income.

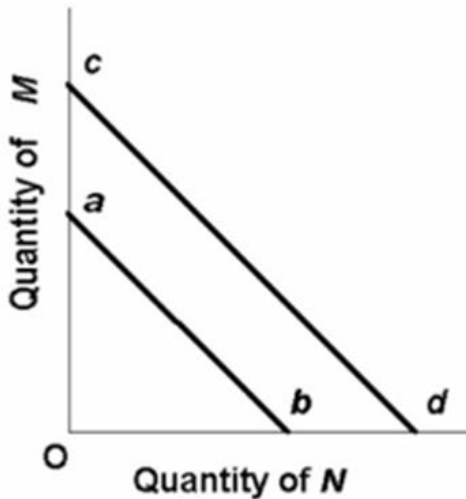
*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*

94. The budget line shift from cd to ab in the below figure is consistent with:



- A. decreases in the prices of both M and N.
- B. an increase in the price of M and a decrease in the price of N.
- C.** a decrease in money income.
- D. an increase in money income.

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*

95. A leftward shift of a consumer's budget line to a position parallel with the original one could indicate that the:

- A. price of one product has decreased in relation to the other.
- B. prices of both products have decreased in the same proportion.
- C. marginal utilities derived from both products have decreased.
- D.** consumer's money income has increased but the prices of both products have increased proportionately more.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*

96. Which of the following statements is not correct?

- A.** A reduction in money income will shift the budget line to the right.
- B. A reduction in money income accompanied by an increase in product prices will necessarily shift the budget line to the left.
- C. An increase in product prices will shift the budget line to the left.
- D. An increase in money income will shift the budget line to the right.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-17 Choice*

97. The society must also make choices under conditions of scarcity. This problem arises from the fact that:

- A. society's wants are limited but the resources are not.
- B.** resources are scarce relative to society's wants.
- C. societies behave only in their self-interest.
- D. society's wants and resources are both unlimited.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-19 Society's Economic Problem*

98. The fundamental problem of economics is:

- A. to establish a democratic political framework for the provision of social goods and services.
- B. the establishment of prices which accurately reflect the relative scarcities of products and resources.
- C.** the scarcity of productive resources relative to material wants.
- D. to achieve a more equitable distribution of money income in order to mitigate poverty.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-19 Society's Economic Problem*

Chapter 01 - Limits, Alternatives, and Choices

99. Economic resources are also called:

- A. free gifts of nature.
- B. consumption goods.
- C. units of money capital.
- D. factors of production.**

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-20 Scarce Resources*

100. Money is not considered to be an economic resource because:

- A. money, as such, is not productive.**
- B. idle money balances do not earn interest income.
- C. the terms of trade can be determined in non-monetary terms.
- D. money is a free gift of nature.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-20 Scarce Resources*

101. Which of the following is real capital?

- A. a pair of stockings
- B. a dump truck**
- C. a savings account
- D. a share of TD Bank stock

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-20 Scarce Resources*

102. The main function of the entrepreneur is to:

- A. make routine pricing decisions.
- B. innovate.**
- C. purchase capital.
- D. create market demand.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-06 List the categories of scarce resources and delineate the economic problem.*

*Topic: 01-20 Scarce Resources*

103. The following production possibilities table represents an economy which is producing two products, tanks and autos. Refer to the table, in moving from possibility C to D, the cost of a tank in terms of autos is:

<b>Product</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
Tanks	0	1	2	3	4	5
Autos	1000	950	850	650	350	0

- A. 50
- B. 100
- C. 200**
- D. 300

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-22 Land*

104. (The following economy produces two products.)

Production Possibilities Table

<b>Product</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
Steel	0	1	2	3	4	5
Wheat	100	90	75	55	30	0

Refer to the above table. A change from possibility C to B means that:

- A. 1 unit of steel is given up to get 75 units of wheat.
- B. 2 units of steel are given up to get 75 units of wheat.
- C.** 1 unit of steel is given up to get 15 more units of wheat.
- D. 2 units of steel are given up to get 15 more units of wheat.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-22 Land*

105. (The following economy produces two products.)

Production Possibilities Table

<b>Product</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
Steel	0	1	2	3	4	5
Wheat	100	90	75	55	30	0

Refer to the above table. In moving from possibility C to D, the cost of a unit of steel in terms of a unit of wheat is:

- A. 10
- B.** 20
- C. 25
- D. 30

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-22 Land*

106. (The following economy produces two products.)

Production Possibilities Table

<b>Product</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
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Steel	0	1	2	3	4	5
Wheat	100	90	75	55	30	0

Refer to the above table. A change from possibility B to C means that:

- A. 10 units of wheat are given up to get one more unit of steel.
- B.** 15 units of wheat are given up to get one more unit of steel.
- C. 15 units of wheat are equal to one unit of steel.
- D. 75 units of wheat are equal to one unit of steel.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-22 Land*

107. The production possibilities curve represents which of the following?

- A. the amount of goods attainable with variable resources
- B. the maximum amount of goods attainable with variable resources
- C.** maximum combinations of goods attainable with fixed resources
- D. the amount of goods attainable if prices decline

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

108. The production possibilities curve represents:

- A. the maximum amount of labour and capital available for production.
- B. combinations of goods and services among which consumers are indifferent.
- C.** maximum combinations of products available with fixed resources and technology.
- D. the maximum rate of growth of capital and labour in an economy.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

109. The construction of a production possibilities curve assumes:

- A. the quantities of all resources are fixed.
- B. technology is fixed.
- C. full employment and full production are being realized.
- D.** all of the above.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

110. Assume an economy is operating at some point on its production possibilities curve which shows civilian and military goods. If the output of military goods is increased, the output of civilian goods:

- A. will remain unchanged.
- B. may be either increased or decreased.
- C.** must be decreased.
- D. must also be increased.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

111. The production possibilities curve shows:

- A.** the various combinations of two goods which can be produced when society uses its scarce resources efficiently.
- B. the minimum outputs of two goods which will sustain a society.
- C. the various combinations of two goods which can be produced when some resources are unemployed.
- D. the ideal, but unattainable, combinations of two goods which would maximize consumer satisfactions.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

112. The negative slope of the production possibilities curve is a graphical way of indicating that:

- A. any economy "can have its cake and eat it too."
- B.** to produce more of one product we must accept less of another.
- C. the principle of increasing opportunity costs does not apply to the economy as a whole.
- D. consumers buy more when prices are low than they do when prices are high.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

113. If an economy is operating on its production possibilities curve for consumer goods and capital goods, this means that:

- A. it is impossible to produce more consumer goods.
- B. resources cannot be reallocated between the two goods.
- C. it is impossible to produce more capital goods.
- D.** more consumer goods can only be produced at the cost of fewer capital goods.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

114. In drawing a production possibilities curve we hold constant:

- A. the money supply.
- B. the consumer price index.
- C.** both technology and resource supplies
- D. resource supplies only.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

115. The production possibilities curve tells us:

- A. what specific combinations of two products is most desired by society.
- B. that costs do not change as society varies its output.
- C. costs are irrelevant in a society which has fixed resources.
- D.** what combinations of two goods can be produced with society's available resources.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

116. When an economy is operating with maximum efficiency, the production of more of commodity A will mean the production of less of commodity B because:

- A. of the law of decreasing opportunity costs.
- B. material wants are insatiable.
- C.** resources are limited.
- D. resources are not specialized and are imperfectly substitutable.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

117. The production possibilities curve:

- A. shows all of those levels of production which are consistent with a stable price level.
- B. indicates that any combination of goods lying outside the curve is economically inefficient.
- C.** is a frontier between all combinations of two goods which can be produced and those combinations which cannot be produced.
- D. shows all of those combinations of two goods which are most preferred by society.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

118. The production possibilities curve illustrates the basic principle that:

- A. the production of more of any one good will in time require smaller and smaller sacrifices of other goods.
- B. an economy will automatically seek that level of output at which all of its resources are employed.
- C.** if all the resources of an economy are in use, more of one good can be produced only if less of another good is produced.
- D. an economy's capacity to produce increases in proportion to its population size.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

119. A production possibilities curve illustrates:

- A.** scarcity.
- B. market prices.
- C. consumer preferences.
- D. the distribution of income.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

120. A production possibilities curve shows:

- A. that resources are unlimited.
- B. that people prefer one of the goods more than the other.
- C.** the maximum amounts of two goods which can be produced assuming the full and efficient use of available resources.
- D. combinations of capital and labour necessary to produce specific levels of output.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

121. In drawing the production possibilities curve we assume that:

- A. technology is fixed.
- B. unemployment exists.
- C. economic resources are unlimited.
- D. wants are limited.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

122. Which of the following is assumed in constructing a typical production possibilities curve?

- A. the economy is using its resources inefficiently.
- B. resources are perfectly shiftable among alternative uses.
- C. production technology is fixed.
- D. the economy is engaging in international trade.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

123. Which of the following is not correct? A typical production possibilities curve:

- A. indicates how much of two products a society can produce.
- B. reveals how much each additional unit of one product will cost in terms of the other product.
- C. specifies how much of each product society should produce.
- D. indicates that to produce more of one product society must give up larger and larger amounts of the other product.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

124. Which one of the following statements is correct?

- A. Relative scarcity is no longer a central notion in economics because we are in an age of abundance.
- B. Most production possibilities curves are convex as viewed from the origin.
- C. The production possibilities curve shows society's preferences for consumer goods relative to capital goods.
- D.** The central concept underlying the production possibilities curve is that of limited resources.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

125. The typical production possibilities curve is:

- A. an upward sloping line which is concave to the origin.
- B. a downward sloping line which is convex to the origin.
- C.** a downward sloping line which is concave to the origin.
- D. a straight upward sloping line.

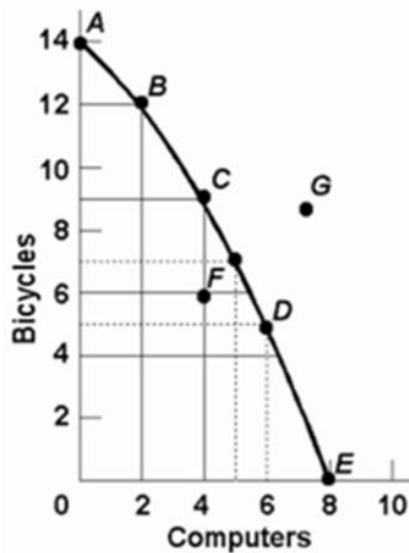
*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

126. Refer to the diagram below. Points A, B, C, D, and E show:



- A. that the opportunity cost of bicycles increases, while that of computers is constant.
- B.** combinations of bicycles and computers which society can produce by using its resources efficiently.
- C. that the opportunity cost of computers increases, while that of bicycles is constant.
- D. that society's demand for computers is greater than its demand for bicycles.

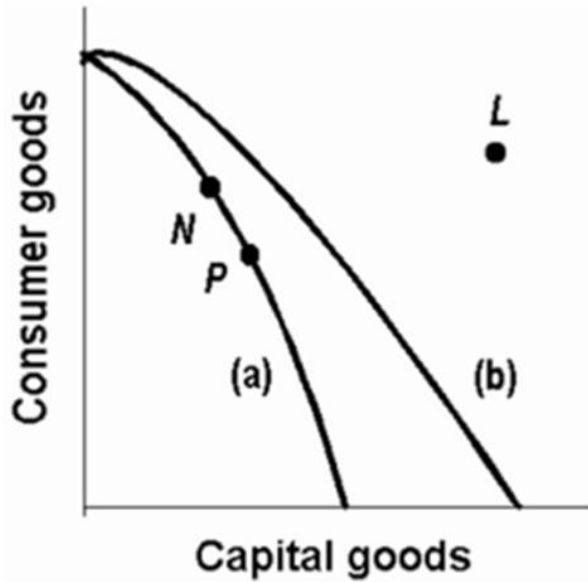
*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*



127. Refer to the following production possibilities curves. Curve (a) is the current curve for the economy. Given production possibilities curve (a), the combination of capital and consumer goods indicated by point L:



- A. would entail substantial unemployment.
- B. would entail an inefficient use of society's resources.
- C.** is beyond the productive capacity of this society.
- D. suggests the productive capacity of the system is declining.

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

128. A point on the frontier of the production possibilities curve is:

- A.** attainable and the economy is efficient.
- B. attainable, but the economy is inefficient.
- C. unattainable, but the economy is inefficient.
- D. unattainable and the economy is efficient.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

129. A point inside the production possibilities curve is:

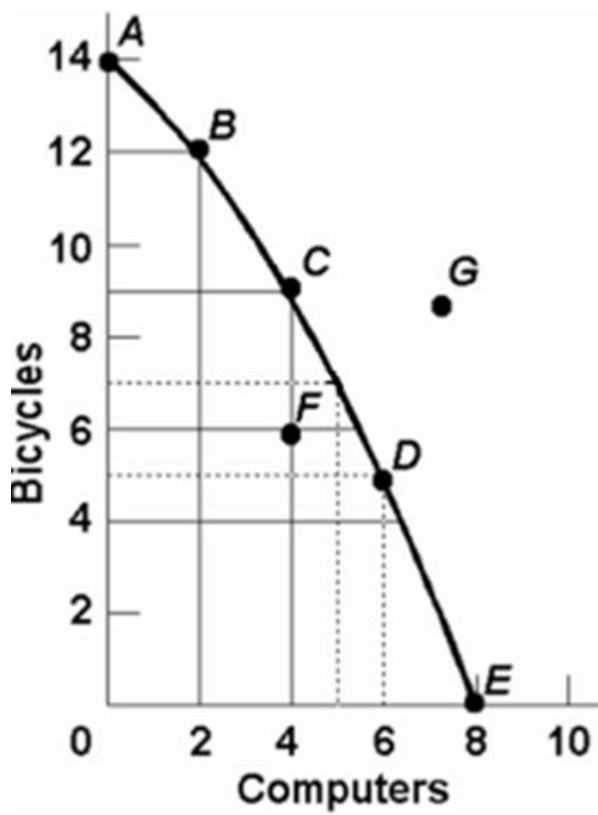
- A. attainable and the economy is efficient.
- B.** attainable, but the economy is inefficient.
- C. unattainable, but the economy is inefficient.
- D. unattainable and the economy is efficient.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*



130.

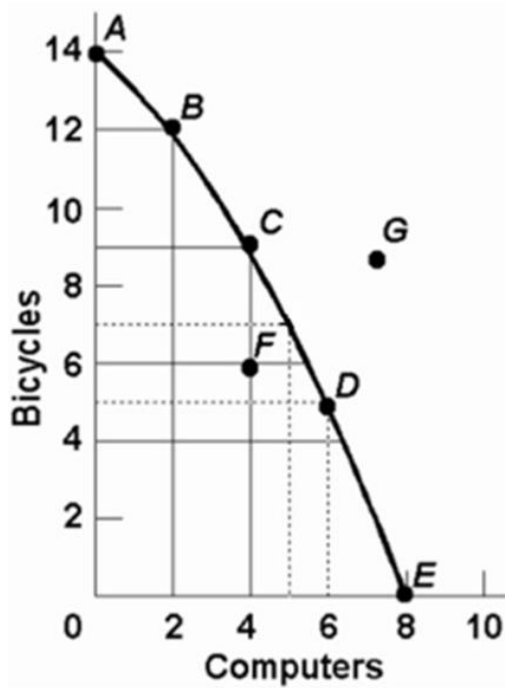
Refer to the above diagram. The combination of computers and bicycles shown by point G is:

- A. attainable, but too costly.
- B.** unattainable, given currently available resources and technology.
- C. attainable, but involves unemployment.
- D. irrelevant because it is inconsistent with consumer preferences.

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*



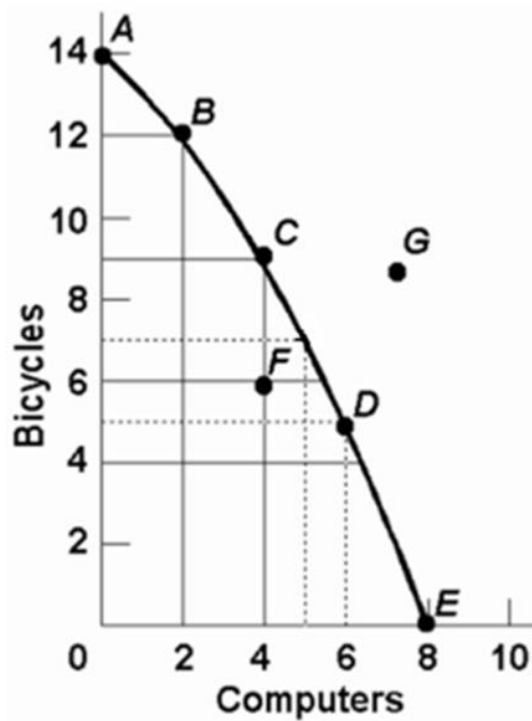
131.

- Refer to the above diagram. The combination of computers and bicycles shown by point F:
- A. is unattainable, given currently available resources and technology.
  - B.** is attainable, but entails economic inefficiency.
  - C. is irrelevant because it is inconsistent with consumer preferences.
  - D. suggests that opportunity costs are constant.

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*



132.

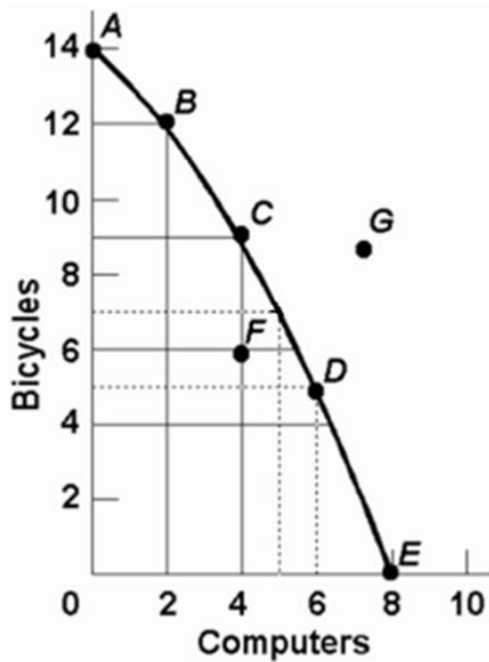
Refer to the above diagram. If society is currently producing the combination of bicycles and computers shown by point D, the production of 2 more units of bicycles:

- A. cannot be realized because resources are fully employed.
- B.** will cost 1 unit of computers.
- C. will cost 2 units of computers.
- D. will cause some resources to become unemployed.

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*



133.

Refer to the above diagram. The movement down the production possibilities curve from point A to point E suggests that the production of:

- A. computers, but not bicycles, is subject to increasing opportunity costs.
- B. bicycles, but not computers, is subject to increasing opportunity costs.
- C. both bicycles and computers is subject to constant opportunity costs.
- D.** both bicycles and computers is subject to increasing opportunity costs.

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

134. The slope of the typical production possibilities curve:

- A. is positive.
- B.** increases as one moves southeast along the curve.
- C. is constant as one moves down the curve.
- D. decreases as one moves southeast along the curve.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

135. The production possibilities curve has:

- A. a positive slope which increases as we move along it from left to right.
- B.** a negative slope which increases as we move along it from left to right.
- C. a negative slope which decreases as we move along it from left to right.
- D. a negative slope which is constant as we move along it from left to right.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

136. The law of increasing opportunity costs states that:

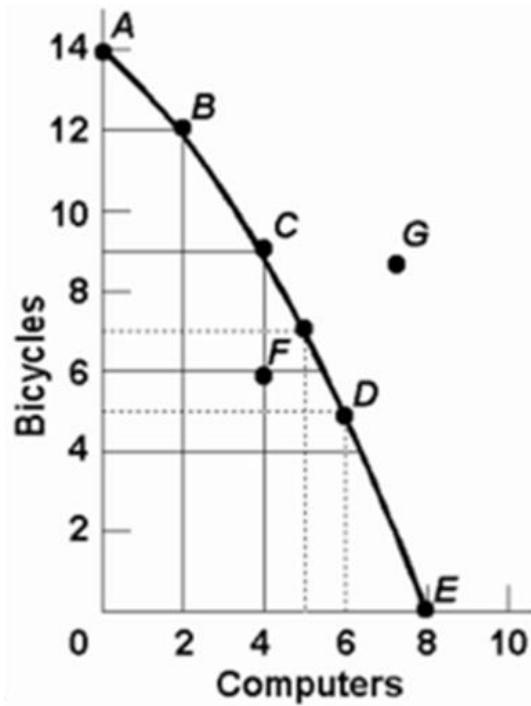
- A.** if society wants to produce more of a particular good, it must sacrifice larger and larger amounts of other goods to do so.
- B. the sum of the costs of producing a particular good cannot rise above the current market price of that good.
- C. if the sum of the costs of producing a particular good rises by a specified percent, the price of that good must rise by a greater relative amount.
- D. if the prices of all the resources devoted to the production of goods increase, the cost of producing any particular good will increase at the same rate.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*



137.

Refer to the above diagram. This production possibilities curve is:

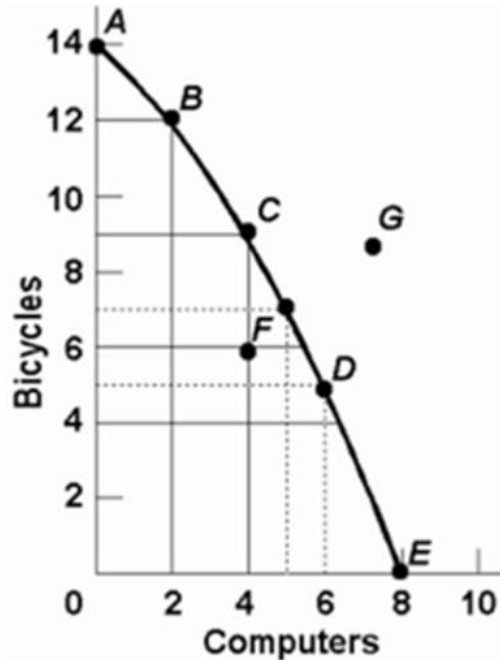
- A. convex to the origin because opportunity costs are constant.
- B. linear because opportunity costs are constant.
- C.** concave to the origin because of increasing opportunity costs.
- D. convex to the origin because of increasing opportunity costs.

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*





138.

Refer to the above diagram. If society is currently producing 9 units of bicycles and 4 units of computers and it now decides to increase computer output to 6, the cost:

- A. will be 4 units of bicycles.
- B. will be 2 units of bicycles.
- C. will be zero because unemployed resources are available.
- D. of doing so cannot be determined from the information given.

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

139. The concept of opportunity cost:

- A. is irrelevant in socialistic economies because of central planning.
- B. suggests that the use of resources in any particular line of production means that alternative outputs must be forgone.
- C. is irrelevant if the production possibilities curve is shifting to the right.
- D. suggests that insatiable wants can be fulfilled.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

140. Which of the following is not an illustration of the idea of opportunity cost?

- A.** A growing economy can produce more consumer goods and more capital goods at the same time.
- B. If I buy a pizza, I will not be able to afford a movie.
- C. Resources devoted to consumer goods production are not available for capital goods production.
- D. The land a Manitoba farmer plants in wheat is not available for corn production.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

141. Opportunity cost is best defined as:

- A. the monetary price of any productive resource.
- B. the amount of labour which must be used to produce one unit of any product.
- C. the ratio of the prices of imported goods to the prices of exported goods.
- D.** the amount of one product which must be given up to produce one more unit of another product.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

142. Production possibilities tables for two countries, North Cantina and South Cantina:

North Cantina

Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	10	18	24	28	30

South Cantina

Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	8	15	21	25	27

Refer to the above tables. If South Cantina is producing at production alternative D, the opportunity cost of the third unit of capital goods is:

- A. 3 units of consumer goods.
- B. 4 units of consumer goods.
- C. 5 units of consumer goods.
- D.** 6 units of consumer goods.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-22 Land*

143. Production possibilities tables for two countries, North Cantina and South Cantina:

North Cantina

Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	10	18	24	28	30

South Cantina

Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	8	15	21	25	27

Refer to the above tables. If North Cantina is producing at production alternative B, the opportunity cost of the eleventh unit of consumer goods will be:

- A. 10 units of capital goods.
- B.  $\frac{1}{4}$  of a unit of capital goods.
- C. 8 units of capital goods.
- D.  $\frac{1}{8}$  of a unit of capital goods.**

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-22 Land*

144. Production possibilities tables for two countries, North Cantina and South Cantina:

North Cantina

Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	10	18	24	28	30

South Cantina

Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	8	15	21	25	27

Refer to the above tables. The opportunity cost of the fifth unit of capital goods:

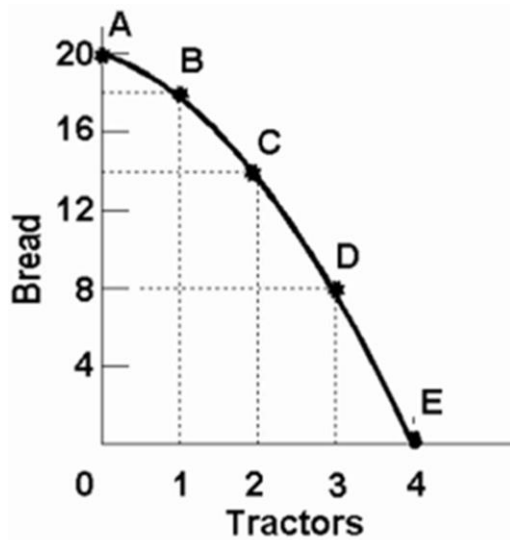
- A. is higher in North Cantina than in South Cantina.
- B. is the same in North Cantina and South Cantina.
- C. is lower in North Cantina than in South Cantina.
- D. cannot be determined from the information provided.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-22 Land*



145.

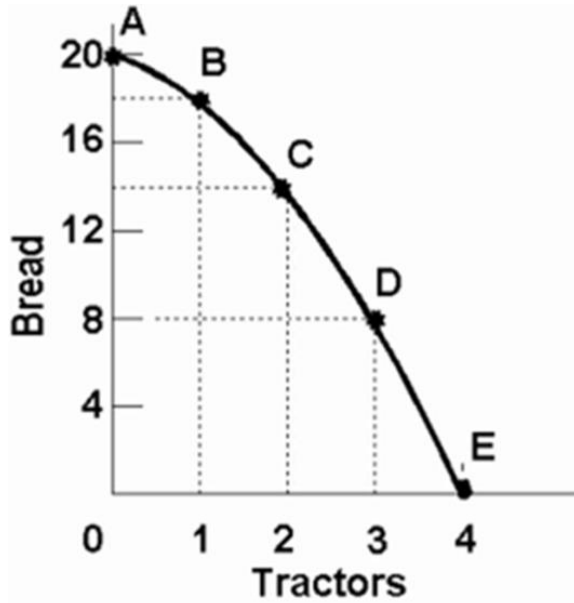
Refer to the above diagram. Starting at point A, the opportunity cost of producing each successive unit of tractors is:

- A. a constant 2 units of bread.
- B.** 2, 4, 6, and 8 units of bread.
- C. 8, 6, 4, and 2 units of bread.
- D. the reciprocal of the output of tractors.

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*



146.

Refer to the above diagram. Starting at point E, the production of successive units of bread will cost:

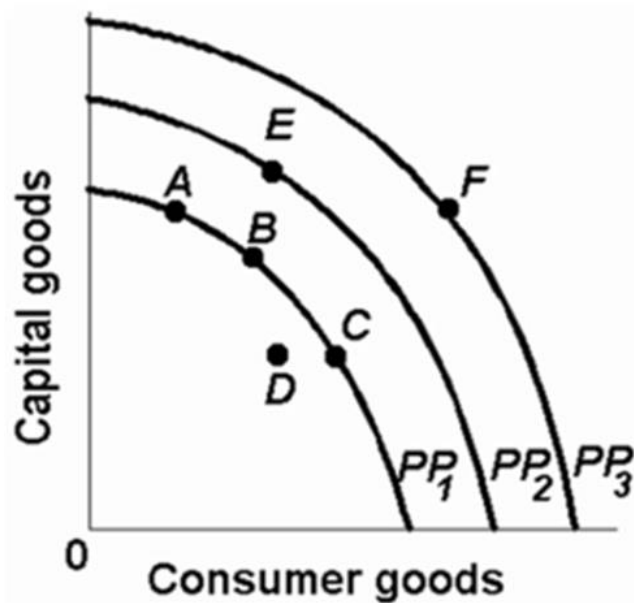
- A. a constant 8 units of tractors.
- B. a constant 6 units of tractors.
- C.**  $\frac{1}{8}$ ,  $\frac{1}{6}$ ,  $\frac{1}{4}$ , and  $\frac{1}{2}$  units of tractors.
- D.  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{6}$ , and  $\frac{1}{8}$  units of tractors.

*Difficulty: Hard*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

147. Refer to the diagram below. The concept of opportunity cost is best represented by the:



- A. shift of the production possibilities curve from PP<sub>1</sub> to PP<sub>2</sub>.
- B. move from B on PP<sub>1</sub> to E on PP<sub>2</sub>.
- C.** move from B on PP<sub>1</sub> to C on PP<sub>1</sub>.
- D. move from D inside PP<sub>1</sub> to B on PP<sub>1</sub>.

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

148. The fact that the slope of the production possibilities curve becomes steeper as we move down along the curve indicates that:

- A.** the principle of increasing opportunity costs is relevant.
- B. society's resources are limited.
- C. the opportunity cost of producing each product is constant.
- D. resources are perfectly shiftable between alternative uses.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*



149. Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	5	9	12	14	15

Refer to the above table. If the economy is producing at production alternative C, the opportunity cost of the tenth unit of consumer goods will be:

- A. 4 units of capital goods.
- B. 2 units of capital goods.
- C. 3 units of capital goods.
- D.**  $\frac{1}{3}$  of a unit of capital goods.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Topic: 01-21 Resource Categories*

150. Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	5	9	12	14	15

Refer to the above table. For these data the law of increasing opportunity costs is reflected in the fact that:

- A. the amount of consumer goods which must be sacrificed to get more capital goods diminishes beyond a point.
- B.** larger and larger amounts of capital goods must be sacrificed to get additional units of consumer goods.
- C. the production possibilities data would graph as a straight downsloping line.
- D. the economy's resources are presumed not to be scarce.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

151. Refer to the table below. In moving from possibility A to F, the cost of a unit of steel in terms of a unit of wheat:

(The following economy produces two products.)

Production Possibilities

Product	A	B	C	D	E	F
Steel	0	1	2	3	4	5
Wheat	100	90	75	55	30	0

- A.** increases.
- B. decreases.
- C. remains constant.
- D. increases from A to B, and decreases from B to F.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

152. A typical concave production possibilities curve implies:

- A. that economic resources are scarce.
- B. that society must choose among various attainable combinations of goods.
- C. increasing opportunity costs.
- D.** all of the above.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Topic: 01-21 Resource Categories*

153. Refer to the diagram below. This production possibilities curve is constructed such that:

Product	A	B	C	D	E	F
Steel	0	1	2	3	4	5
Wheat	100	90	75	55	30	0

- A. resources are presumed to be perfectly shiftable between bread and tractors.
- B. the opportunity cost of bread diminishes as more bread is produced.
- C. the opportunity cost of tractors diminishes as more bread is produced.
- D.** the opportunity cost of both bread and tractors in terms of each other increases as more of each is produced.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-23 Labour*

154. The law of increasing opportunity costs exists because:

- A. resources are not equally efficient in producing various goods.
- B. the value of the dollar has diminished historically because of persistent inflation.
- C. wage rates invariably rise as the economy approaches full employment.
- D. consumers tend to value any good more highly when they have little of it.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

155. The law of increasing opportunity costs is reflected in a production possibilities curve which is:

- A. an upward sloping straight line.
- B. a downward sloping straight line.
- C. concave to the origin.
- D. convex to the origin.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

156. The production possibilities curve below shows the hypothetical relationship between the production of capital goods and consumer goods in an economy.

	Production Alternatives				
Products	A	B	C	D	E
Capital goods	0	1	2	3	4
Consumer goods	22	18	13	7	0

Refer to the above table. What is the opportunity cost of producing the third unit of capital goods?

- A. 4 units of consumer goods
- B. 5 units of consumer goods
- C. 6 units of consumer goods**
- D. 7 units of consumer goods

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

157. The production possibilities curve below shows the hypothetical relationship between the production of capital goods and consumer goods in an economy.

	Production Alternatives				
Products	A	B	C	D	E
Capital goods	0	1	2	3	4
Consumer goods	22	18	13	7	0

Refer to the above table. What is the total opportunity cost of producing two units of capital goods?

- A. 4 units of consumer goods
- B. 5 units of consumer goods
- C. 9 units of consumer goods**
- D. 13 units of consumer goods

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

158. The production possibilities curve below shows the hypothetical relationship between the production of capital goods and consumer goods in an economy.

	Production Alternatives				
Products	A	B	C	D	E
Capital goods	0	1	2	3	4
Consumer goods	22	18	13	7	0

Refer to the above table. What is the opportunity cost of producing the fourth unit of capital goods?

- A. 6 units of consumer goods
- B. 7 units of consumer goods**
- C. 15 units of consumer goods
- D. 22 units of consumer goods

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

159. The production possibilities curve below shows the hypothetical relationship between the production of capital goods and consumer goods in an economy.

	Production Alternatives				
Products	A	B	C	D	E
Capital goods	0	1	2	3	4
Consumer goods	22	18	13	7	0

Refer to the above table. What is the total opportunity cost of producing three units of capital goods?

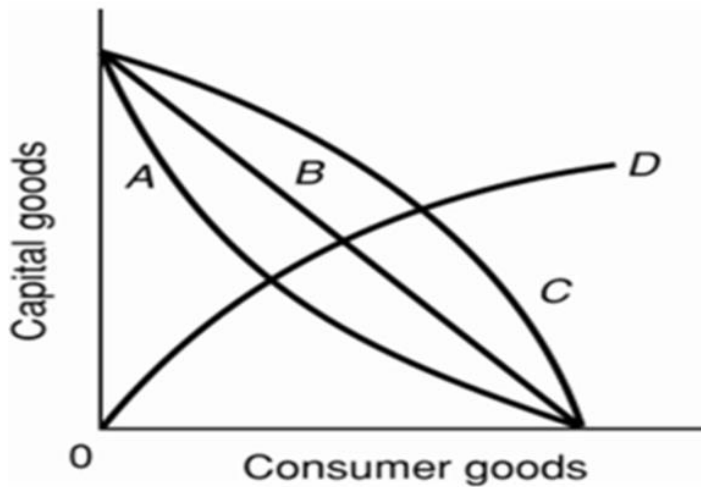
- A. 6 units of consumer goods
- B. 7 units of consumer goods
- C. 15 units of consumer goods**
- D. 22 units of consumer goods

Accessibility: Keyboard Navigation

Difficulty: Medium

Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.

Topic: 01-24 Capital



160.

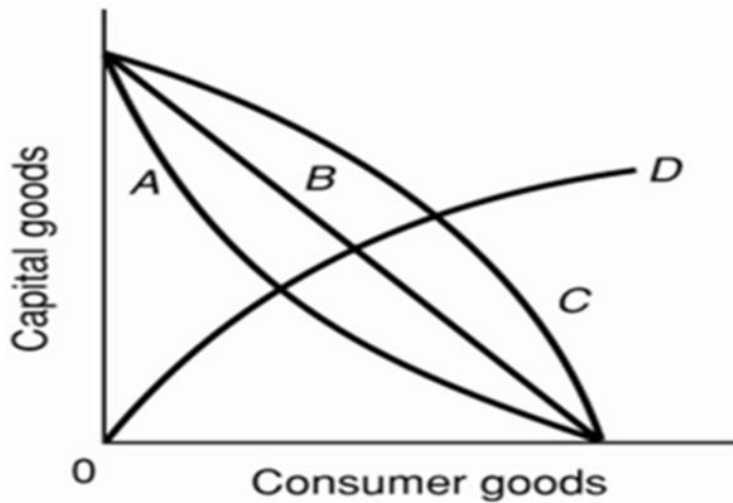
Refer to the above diagram. As it relates to production possibilities analysis, the law of increasing opportunity cost is reflected in curve:

- A. A.
- B. B.
- C. C.**
- D. D.

Difficulty: Easy

Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.

Topic: 01-24 Capital



161.

Refer to the above diagram. Curve B is a:

- A.** production possibilities curve indicating constant opportunity costs.
- B. production possibilities curve indicating increasing opportunity costs.
- C. demand curve indicating that the quantity of consumer goods demanded increases as the price of capital falls.
- D. technology frontier curve.

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

162. If the production possibilities curve is a straight line:

- A. the two products will sell at the same market prices.
- B.** economic resources are perfectly shiftable between the production of the two products.
- C. the two products are equally important to consumers.
- D. equal quantities of the two products will be produced at each possible point on the curve.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*



163. A nation's production possibilities curve is "bowed out" from the origin because:
- A.** resources are not equally efficient in producing every good.
  - B. the originator of the idea drew it this way and modern economists follow this convention.
  - C. resources are scarce.
  - D. wants are virtually unlimited.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

164. If the production possibilities curve were a straight downsloping line, this would suggest that:
- A.** resources are perfectly substitutable between the production of these two goods.
  - B. it is possible to produce more of both products.
  - C. both products are equally capable of satisfying consumer wants.
  - D. the two products have identical prices.

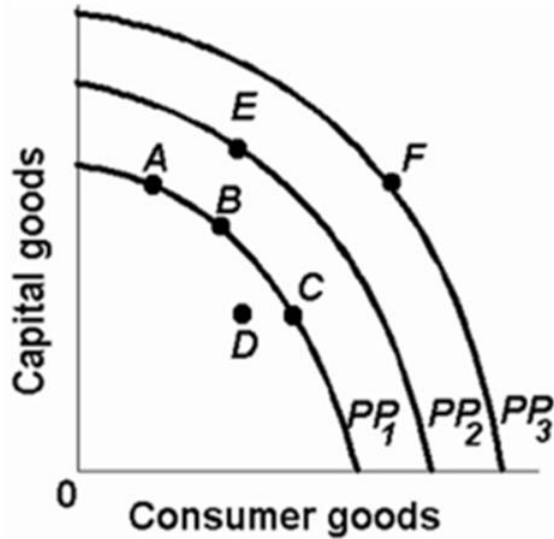
*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

165. Refer to the diagram below. The concave shape of each production possibilities curve indicates that:



- A. resources are perfectly substitutable.
- B. wants are virtually unlimited.
- C. prices are constant.
- D.** resources are not equally suited for alternative uses.

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-24 Capital*

166. The marginal benefit curve is:

- A. upward sloping because of increasing marginal opportunity costs.
- B. upward sloping because successive units of a specific product yield less and less extra utility.
- C. downward sloping because of increasing marginal opportunity costs.
- D.** downward sloping because successive units of a specific product yield less and less extra utility.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-25 Entrepreneurial Ability*

167. The marginal cost curve is:

- A.** upsloping because of increasing marginal opportunity costs.
- B. upsloping because successive units of a specific product yield less and less extra utility.
- C. downsloping because of increasing marginal opportunity costs.
- D. downsloping because successive units of a specific product yield less and less extra utility.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-25 Entrepreneurial Ability*

168. The output of blu ray players should be:

- A. reduced if marginal benefits exceed marginal costs.
- B.** reduced if marginal costs exceed marginal benefits.
- C. increased if marginal costs exceed marginal benefits.
- D. reduced to zero if their unit costs exceed the unit costs of alternative products.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-25 Entrepreneurial Ability*

169. If the output of product X is such that marginal benefit equals marginal cost:

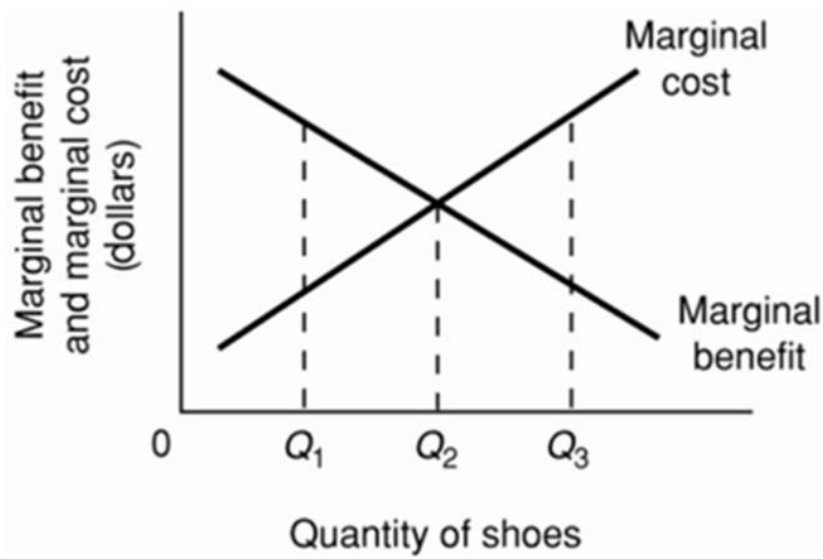
- A. the correct amount of resources is being allocated to X's production.
- B. the value of producing X and the value of producing alternative products with available resources is the same.
- C. there can be no net gain to society by allocating either more or less resources to producing X.
- D.** all of the above are true.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-25 Entrepreneurial Ability*



170.

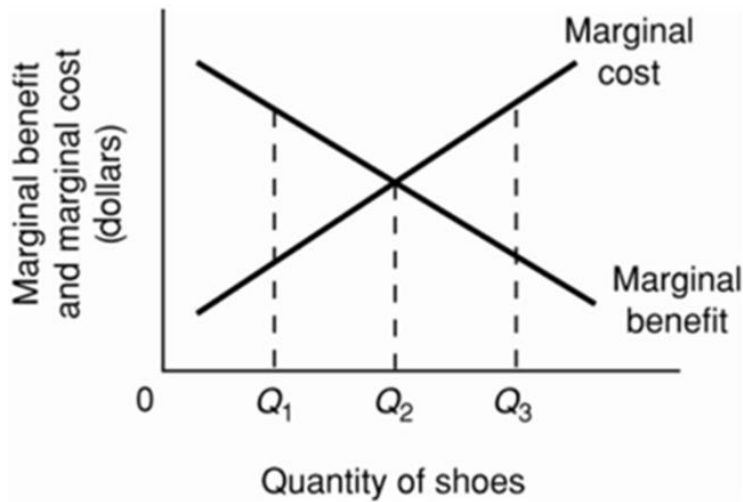
Refer to the above diagram for athletic shoes. The optimal output of shoes:

- A. is  $Q_1$ .
- B.** is  $Q_2$ .
- C. is  $Q_3$ .
- D. is greater than  $Q_3$ .

*Difficulty: Easy*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-25 Entrepreneurial Ability*



171.

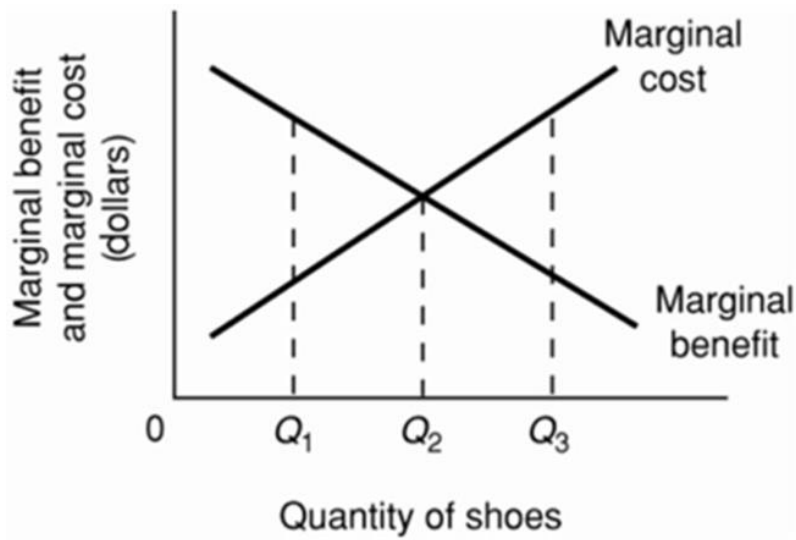
Refer to the above diagram for athletic shoes. If the current output of shoes is  $Q_1$ , then:

- A. society would consider additional units of shoes to be more valuable than alternative products.
- B. society would consider additional units of shoes to be less valuable than alternative products.
- C. society would experience a net loss by producing more shoes.
- D. resources are being allocated efficiently to the production of shoes.

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-25 Entrepreneurial Ability*



172.

- Refer to the above diagram for athletic shoes. If the current output of shoes is  $Q_3$ , then:
- A. resources are being allocated efficiently to the production of shoes.
  - B. society would consider additional units of shoes to be more valuable than alternative products.
  - C.** society would consider additional units of shoes to be less valuable than alternative products.
  - D. society would experience a net gain by producing more shoes.

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-25 Entrepreneurial Ability*

173. Recessions are typically characterised by points:

- A.** inside the production possibilities curve.
- B. outside the production possibilities curve.
- C. on the production possibilities curve.
- D. that are not attainable on the production possibilities curve.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-26 Production Possibilities Model*

174. Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	5	9	12	14	15

Refer to the above table. As compared to production alternative D, the choice of alternative C would:

- A. tend to generate a more rapid growth rate.
- B. be unattainable.
- C. entail unemployment.
- D. tend to generate a slower growth rate.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

175. Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	5	9	12	14	15

Refer to the above table. A total output of 3 units of capital goods and 4 units of consumer goods:

- A. is irrelevant because the economy is capable of producing a larger total output.
- B. will result in the maximum rate of growth available to this economy.
- C.** would involve an inefficient use of the economy's scarce resources.
- D. is unobtainable in this economy.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

176. Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	5	9	12	14	15

Refer to the above table. For this economy to produce a total output of 3 units of capital goods and 13 units of consumer goods it must:

- A.** achieve economic growth.
- B. use its resources more efficiently than the data in the table now indicate.
- C. allocate its available resources most efficiently among alternative uses.
- D. achieve the full employment of available resources.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*



177. Production possibilities tables for two countries, North Cantina and South Cantina:  
 North Cantina Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	10	18	24	28	30

South Cantina Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	8	15	21	25	27

Refer to the above tables. Suppose that North Cantina is producing 2 units of capital goods and 17 units of consumer goods while South Cantina is producing 2 units of capital goods and 21 units of consumer goods. We can conclude that:

- A. North Cantina is fully and efficiently using its resources, but South Cantina is not.
- B. South Cantina is fully and efficiently using its resources, but North Cantina is not.**
- C. neither South Cantina nor North Cantina are fully and efficiently using their resources.
- D. both South Cantina and North Cantina are fully and efficiently using their resources.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

178. Production possibilities tables for two countries, North Cantina and South Cantina:  
North Cantina Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	10	18	24	28	30

South Cantina Production possibilities (alternatives)

	A	B	C	D	E	F
Capital goods	5	4	3	2	1	0
Consumer goods	0	8	15	21	25	27

Refer to the above tables. Suppose that resources in North Cantina and South Cantina are identical in quantity and quality. We can conclude that:

- A. South Cantina has better technology than North Cantina in producing both capital and consumer goods.
- B. North Cantina has better technology than South Cantina in producing both capital and consumer goods.
- C. North Cantina is growing more rapidly than South Cantina.
- D.** North Cantina has better technology than South Cantina in producing consumer goods.

*Accessibility: Keyboard Navigation*

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

179. Refer to the table below. According to the production possibilities schedule for the economy which produces two products, a combination of four tanks and 650 autos is:  
Production Possibilities

Product	A	B	C	D	E	F
Tanks	0	1	2	3	4	5
Autos	1000	950	850	650	350	0

- A. attainable, but involves an efficient use of society's resources.
- B. attainable, but would not be in the best interests of a strong national defence.
- C. not attainable because it is not listed in the schedule.
- D.** not attainable because society does not have sufficient resources to produce this combination.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

180. Assume that a change in government policy results in the increased production of both consumer goods and investment goods. It can be concluded that:

- A.** the economy was suffering from unemployment and/or the inefficient use of resources before the policy change.
- B. the economy's production possibilities curve has been shifted to the left as a result of the policy decision.
- C. this economy's production possibilities curve is convex (bowed inward) as viewed from the origin.
- D. the law of increasing opportunity costs does not apply in this society.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

181. Refer to the diagram. This economy will experience unemployment if it produces at point:

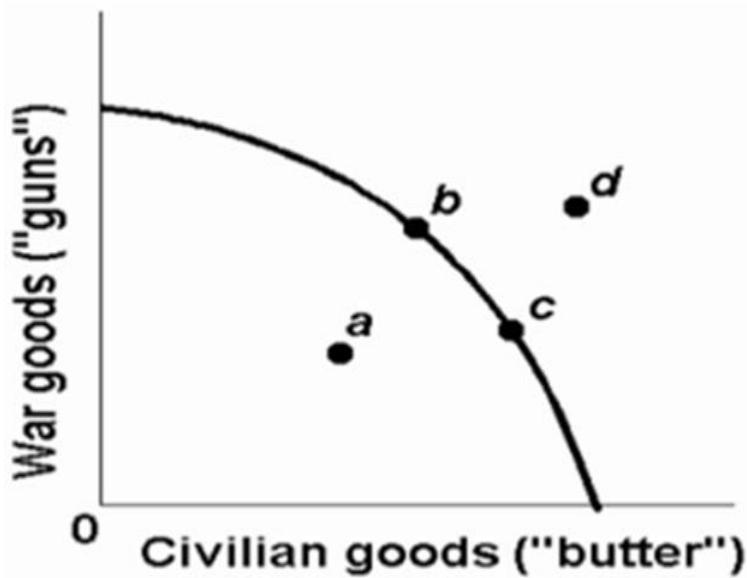


- A. A.
- B. B.
- C. C.
- D.** D.

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*



182.

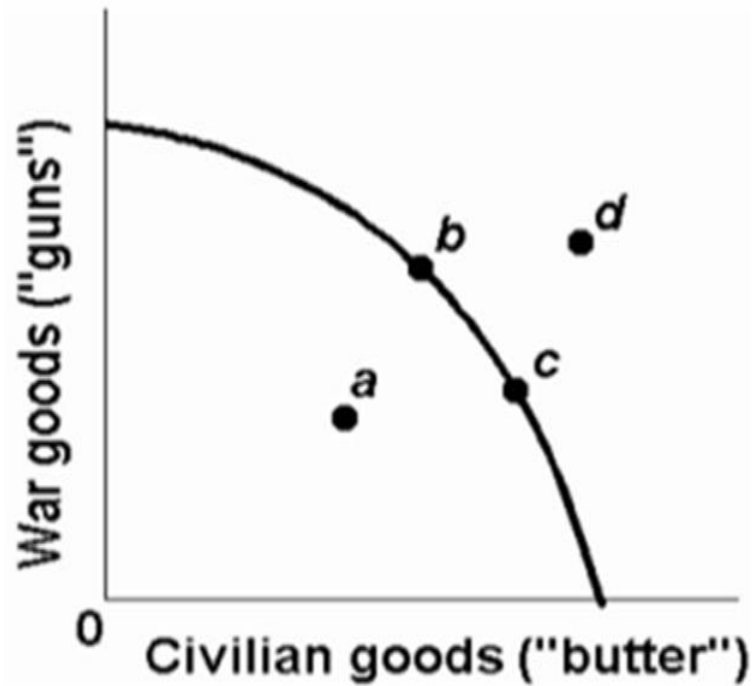
Refer to the above production possibilities curve. At the onset of World War II Canada had large amounts of idle human and property resources. Its economic adjustment from peacetime to wartime can best be described by the movement from point:

- A. c to point b.
- B. b to point c.
- C. a to point b.**
- D. c to point d.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*



183.

Refer to the above production possibilities curve. At the onset of World War II the Soviet Union's economy was already at full employment. Its economic adjustment from peacetime to wartime can best be described by the movement from point:

- A. c to point b.
- B. b to point c.
- C. a to point b.
- D. c to point d.

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

184. Any point inside the production possibilities curve indicates:

- A. the realization of allocative efficiency.
- B. that resources are imperfectly shiftable among alternative uses.
- C. the presence of inflationary pressures.
- D. that more output could be produced with available resources.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

185. Unemployment and/or productive inefficiencies:

- A. cause the production possibilities curve to shift outward.
- B. can exist at any point on a production possibilities curve.
- C. can both be illustrated by a point outside the production possibilities curve.
- D.** can both be illustrated by a point inside the production possibilities curve.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

186. A point inside a production possibilities curve may indicate:

- A. unemployment.
- B. the inefficient use of resources.
- C. failure to use the best available technology.
- D.** all of the above.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

187. Assume an economy is incurring unemployment and failing to realize least-cost production. The immediate effect of resolving these problems will be to:

- A.** move the level of actual output closer to the economy's production possibilities curve.
- B. create a less equal distribution of income.
- C. shift its production possibilities curve to the left.
- D. shift its production possibilities curve to the right.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*



188. If an economy is operating inside its production possibilities curve for consumer goods and capital goods, this means that it:

- A. can only produce more consumer goods by producing fewer capital goods.
- B. can only produce more capital goods by producing fewer consumer goods.
- C.** can produce more of both consumer goods and capital goods by using its resources more efficiently.
- D. must improve its technology to produce more output.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

189. Which of the following will not require an outward shift of the production possibilities curve?

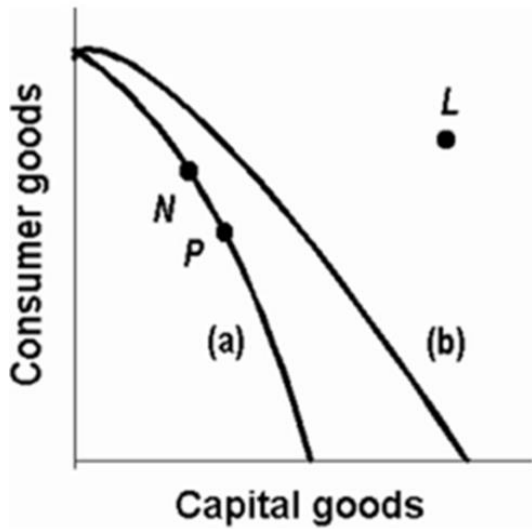
- A. an upgrading of the quality of a nation's human resources
- B.** the reduction of unemployment
- C. an increase in the quantity of a society's labour force
- D. the improvement of a society's technological knowledge

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*



190.

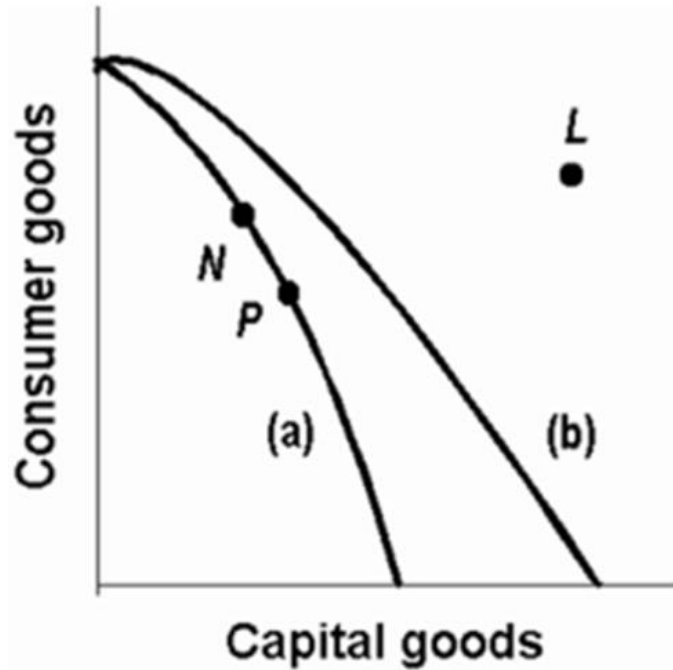
Refer to the above production possibilities curves. Curve (a) is the current curve for the economy. The movement from curve (a) to curve (b) suggests:

- A. a movement from unemployment to full employment.
- B.** an improvement in capital goods technology but not in consumer goods technology.
- C. an improvement in consumer goods technology but not in capital goods technology.
- D. a decline in the total output of this society.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*



191.

- Refer to the above production possibilities curves. Curve (a) is the current curve for the economy. Other things being equal, society's current choice of point P on curve (a) will:
- A. allow it to achieve more rapid economic growth than would the choice of point N.
  - B. entail a slower rate of economic growth than would the choice of point N.
  - C. entail the same rate of growth as would the choice of point N.
  - D. be unobtainable because it exceeds the productive capacity of the economy.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

192. The basic difference between consumer goods and capital goods is that:
- A. consumer goods are produced in the private sector and capital goods are produced in the public sector.
  - B. an economy that commits a relatively large proportion of its resources to capital goods must accept a lower growth rate.
  - C. the production of capital goods is not subject to the law of increasing opportunity costs.
  - D.** consumer goods satisfy wants directly while capital goods satisfy wants indirectly.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

193. Which of the following would be most likely to shift the production possibilities curve to the right?
- A. a sudden and substantial expansion of consumer wants
  - B.** an improvement in the literacy level and general level of education
  - C. a decline in the size of the population and labour force
  - D. shifting resources from butter to gun production

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

194. Which of the following will not shift a nation's production possibilities curve?
- A. the acquisition of more education and training by its labour force
  - B. the widespread application of irrigation to its agricultural land
  - C.** an increase in the rate of unemployment
  - D. the discovery of new super-conductivity materials which makes manufacturing more efficient

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

195. Which of the following will shift the production possibilities curve to the right?
- A. an increase in the unemployment rate from 6 to 8 percent
  - B. a decline in the efficiency with which the present labour force is allocated
  - C. a decrease in the unemployment rate from 8 to 6 percent
  - D.** a technological advance which allows farmers to produce more output from given inputs

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

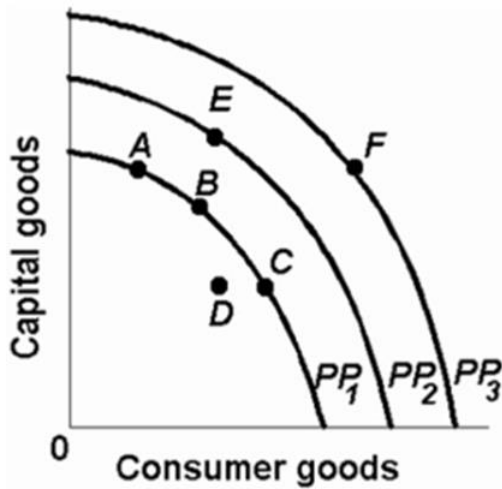
196. Other things equal, which of the following would shift an economy's production possibilities curve to the left?
- A. the discovery of a low-cost means of generating and storing solar energy
  - B. the entrance of more women into the labour force
  - C.** a law requiring mandatory retirement from the labour force at age 55
  - D. an increase in the proportion of total output which consists of capital or investment goods

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*



197.

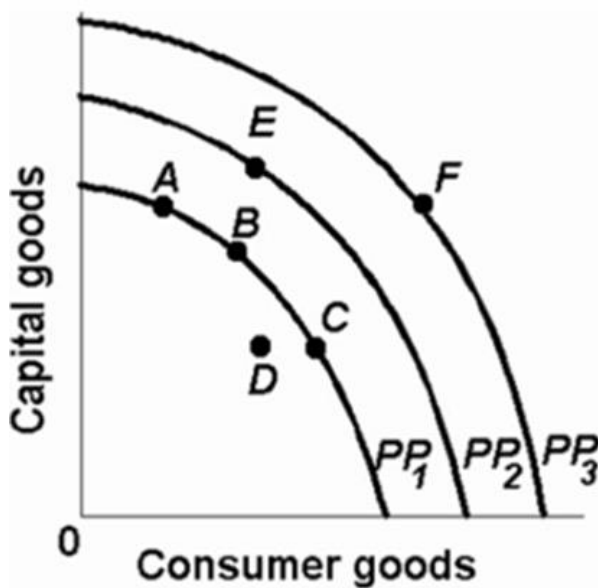
Refer to the above diagram. An improvement in technology will:

- A. shift the production possibilities curve from  $PP_1$  to  $PP_2$ .
- B. shift the production possibilities curve from  $PP_2$  to  $PP_1$ .
- C. move the economy from A to C along  $PP_1$ .
- D. move the economy from A, B, or C on  $PP_1$  to D.

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*



198.

Refer to the above diagram. Which one of the following would shift the production possibilities curve from  $PP_1$  to  $PP_2$

- A.** immigration of skilled workers into the economy
- B. worsening of the AIDS epidemic
- C. an increase in consumer prices
- D. a reduction in the age of retirement.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

199. Which situation would most likely shift the production possibilities curve for a nation in an outward direction?

- A. a decrease in the quality of products
- B.** an increase in the supply of resources
- C. a decrease in the state of technology
- D. an increase in the amount of discrimination

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

200. Which situation would most likely cause a nation's production possibilities curve to shift inward?

- A. the construction of more capital goods
- B. a decrease in discrimination based on race
- C. an increase in the number of skilled immigrant workers
- D.** the destruction from bombing and warfare in a losing military conflict

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

201. All of the following could immediately or eventually lead to an inward shift of a nation's production possibilities curve, except:

- A. an increase in the amount of discrimination.
- B. a decline in the birth rate.
- C.** an increase in the average skill level of all occupational groups.
- D. depletion and reduced availability of major energy resources.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*

202. Some agricultural sub-Saharan nations of Africa have over-farmed and overgrazed their land to the extent that significant portions of it have turned into desert. This suggests that:

- A. the concavity of the production possibilities curves of such nations has increased.
- B.** the production possibilities curves of such nations have shifted inward.
- C. the production possibilities curves of such nations have shifted outward.
- D. these nations are operating at some point outside of their production possibilities curves.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-27 Production Possibilities Table*



203. Which of the following statements, if any, is correct for a nation which is producing only consumption and capital goods?

A. Other things equal, the more consumer goods a nation produces, the greater will be its future growth rate.

**B.** Other things equal, the more capital goods a nation produces, the greater will be its future growth rate.

C. There is no general relationship between the current division of output between consumer and capital goods and the future growth rate.

D. None of the above statements is correct.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-28 Production Possibilities Curve*

204. If country A has been investing a larger proportion of its domestic output than Canada has, then, we would expect:

A. a higher rate of growth of domestic output in country A than in Canada.

B. greater rightward shifts in country A's production possibilities curve as compared to Canada.

C. that in the long run living standards would rise more rapidly in country A than in Canada.

**D.** all of the above to happen.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-28 Production Possibilities Curve*

205. Deltonia produces both consumer and capital goods. If it reduces the percentage of its output devoted to capital goods, then:

**A.** its rate of growth will tend to decline.

B. its production possibilities curve will necessarily shift to the left.

C. it must also reduce the percentage of its output devoted to consumer goods.

D. its rate of growth will tend to increase.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-28 Production Possibilities Curve*

206. Refer to the diagram below. Other things equal, this economy will achieve the most rapid rate of growth if:



- A. the ratio of capital to consumer goods is minimized.
- B. it chooses point C.
- C. it chooses point B.
- D.** it chooses point A.

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-28 Production Possibilities Curve*

207. The future location of the economy's production possibilities curve will be affected by:

- A. the current division of domestic output between consumption and capital goods.
- B. the rate of technological progress.
- C. the growth of the economy's supplies of resources.
- D.** all of the above.

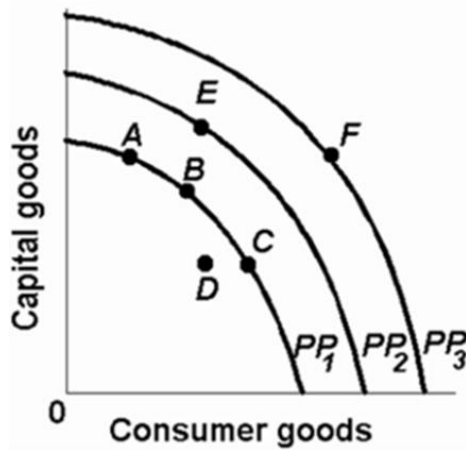
*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-28 Production Possibilities Curve*

208. Refer to the diagram below. Which of the following positions relative to  $PP_1$  would be the most likely to result in a future production possibilities curve of  $PP_3$ , rather than  $PP_2$ ?



- A. A.
- B. B.
- C. C.
- D. D.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-28 Production Possibilities Curve*

209. Through specialization and international trade a nation:

- A. can achieve some combination of goods lying outside its production possibilities curve.
- B. can move from a high consumption-low investment to a high investment-low consumption point on its production possibilities curve.
- C. will achieve some combination of goods lying within its production possibilities curve.
- D. will cause its production possibilities curve to shift leftward.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-29 Law of Increasing Opportunity Costs*

210. A country can achieve some combination of goods outside its production possibilities curve by:

- A. idling some of its resources.
- B.** specializing and engaging in international trade.
- C. buying the debt (bonds and stocks) of foreign nations.
- D. producing more consumption goods and fewer capital goods.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-29 Law of Increasing Opportunity Costs*

211. International specialization and trade:

- A. allow a nation to get more of a desired good at less sacrifice of some other good.
- B. can allow an economy to circumvent the output limits imposed by its domestic production possibilities curve.
- C. Has the same effect as having more and better resources.
- D.** All of the above.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-29 Law of Increasing Opportunity Costs*

212. Economists:

- A. always put the independent variable on the horizontal axis and the dependent variable on the vertical axis.
- B. always put the dependent variable on the horizontal axis and the independent variable on the vertical axis.
- C.** are somewhat arbitrary in assigning independent and dependent variables to the horizontal and vertical axes.
- D. measure the slope of a line differently than do mathematicians.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-31 Economic rationale*

213. If we say that two variables are directly related, this means that:

- A. the relationship between the two is purely random.
- B. an increase in one variable is associated with a decrease in the other variable.
- C.** an increase in one variable is associated with an increase in the other variable.
- D. the two graph as a downsloping line.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

214. If we say that two variables are inversely related, this means that:

- A. the two graph as an upsloping line.
- B.** an increase in one variable is associated with a decrease in the other.
- C. an increase in one variable is associated with an increase in the other.
- D. the resulting relationship can be portrayed by a straight line parallel to the horizontal axis.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

215. Which of the following statements is correct?

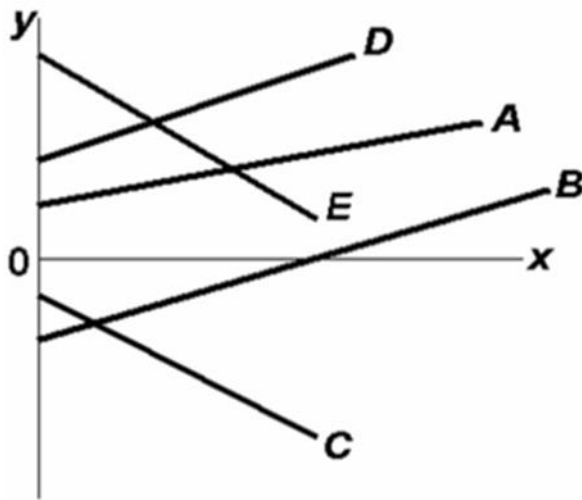
- A. The value of the independent variable is determined by the value of the dependent variable.
- B.** The value of the dependent variable is determined by the value of the independent variable.
- C. The dependent variable designates the "cause" and the independent variable the "effect."
- D. Dependent variables graph as upsloping lines; independent variables graph as downward sloping lines.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-33 Unemployment, Growth, and the Future*



216.

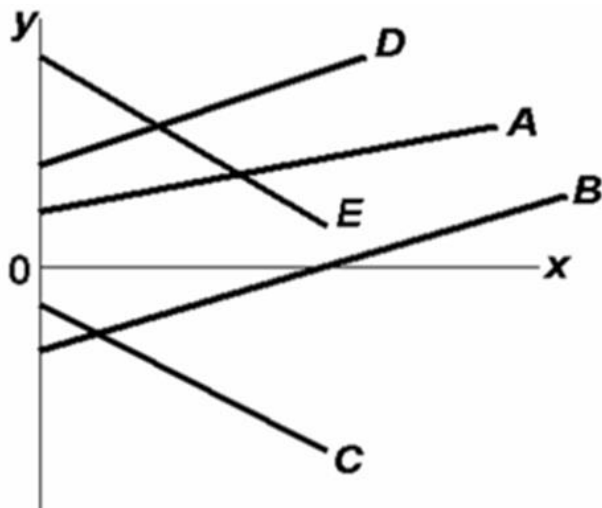
Refer to the above diagram. Which line(s) show(s) a positive relationship between  $x$  and  $y$ ?

- A. A only
- B. both A and D
- C. A, B, and D**
- D. both C and E

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



217.

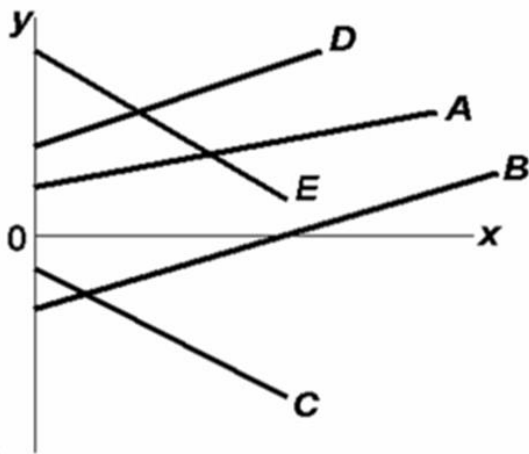
Refer to the above diagram. Which line(s) show(s) a negative relationship between  $x$  and  $y$ ?

- A. A only
- B. both A and D
- C. A, B, and D
- D.** both C and E

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



218.

Refer to the above diagram. Which line(s) show(s) a positive vertical intercept?

A. A and D only

B. B and C only

**C.** A, D, and E

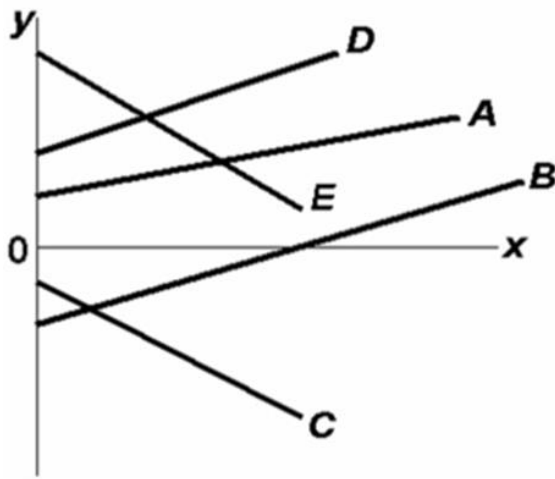
D. A, D, and B

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*





219.

Refer to the above diagram. Which line(s) show(s) a negative vertical intercept?

- A. C only
- B. both C and E
- C. B, C, and E
- D.** both B and C

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

220. If two variables are inversely related, then as the value of one variable:

- A. increases, the value of the other may either increase or decrease.
- B. decreases, the value of the other decreases.
- C.** increases, the value of the other decreases.
- D. increases, the value of the other increases.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

221. If a positive relationship exists between  $x$  and  $y$ :
- A. an increase in  $x$  will cause  $y$  to decrease.
  - B. a decrease in  $x$  will cause  $y$  to increase.
  - C.** the relationship will graph as an upsloping line.
  - D. the vertical intercept must be positive.

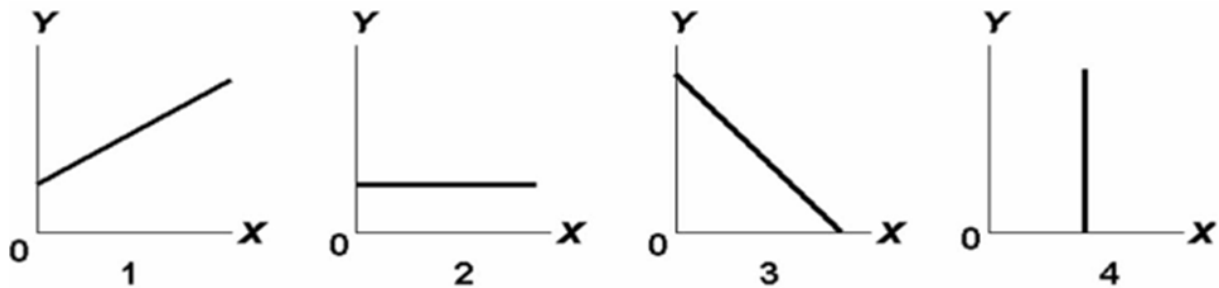
*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

222.



Answer on the basis of the relationships shown in the above four figures. The amount of  $Y$  is directly related to the amount of  $X$  in:

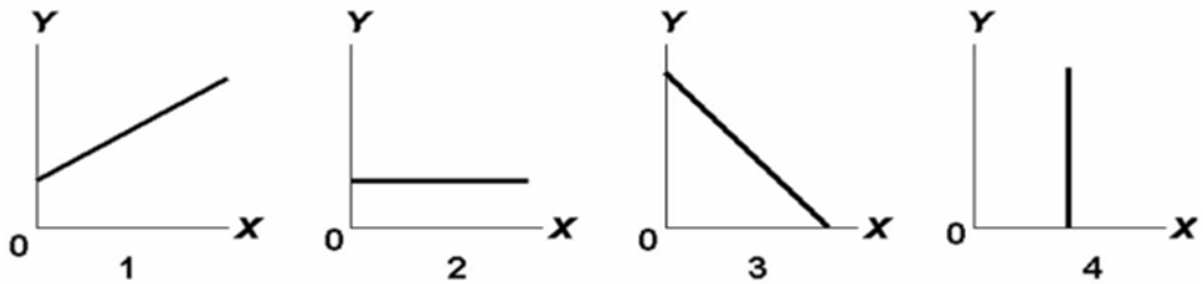
- A. both 1 and 3.
- B. both 1 and 2.
- C. 2 only.
- D.** 1 only.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

223.



Answer on the basis of the relationships shown in the above four figures. The amount of Y is inversely related to the amount of X in:

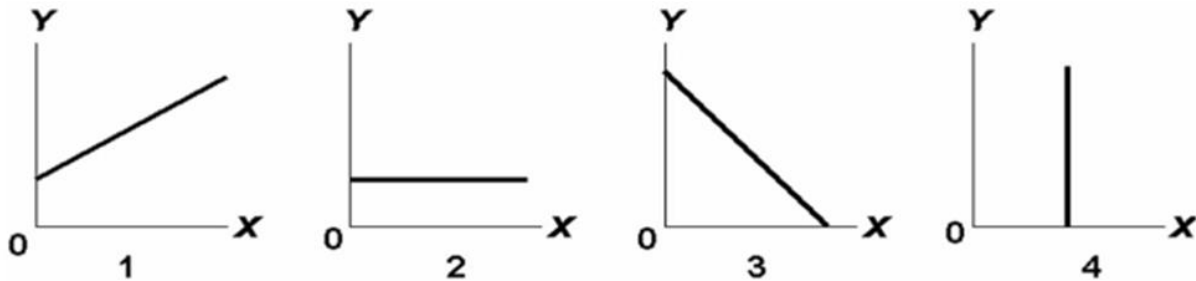
- A. 2 only.
- B. both 1 and 3.
- C. 3 only.**
- D. 1 only.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

224.



Answer on the basis of the relationships shown in the above four figures. The amount of Y is unrelated to the amount of X in:

- A. both 2 and 4.
- B. 3 only.
- C. 2 only.**
- D. 1

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

225. If price (P) and quantity (Q) are directly related, this means that:

- A. a change in Q will alter P, but a change in P will not alter Q.
- B. if P increases, Q will decrease.
- C.** if P increases, Q will also increase.
- D. an increase in P will cause Q to change, but the direction in which Q changes cannot be predicted.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

226. Assume that if the interest rate that businesses must pay to borrow funds were 20 percent, it would be unprofitable for businesses to invest in new machinery and equipment so that investment would be zero. But if the interest rate were 16 percent, businesses would find it profitable to invest \$10 billion. If the interest rate were 12 percent, \$20 billion would be invested. Assume that total investment continues to increase by \$10 billion for each successive 4 percentage point decline in the interest rate.

Refer to the above information. Which of the following is an accurate verbal statement of the described relationship?

- A. There is no regular or dependable relationship between business investment and the interest rate.
- B. The amount of business investment is unaffected by changes in the interest rate.
- C.** Investment spending by businesses varies inversely with the interest rate.
- D. Investment spending by businesses varies directly with the interest rate.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

227. Assume that if the interest rate that businesses must pay to borrow funds were 20 percent, it would be unprofitable for businesses to invest in new machinery and equipment so that investment would be zero. But if the interest rate were 16 percent, businesses would find it profitable to invest \$10 billion. If the interest rate were 12 percent, \$20 billion would be invested. Assume that total investment continues to increase by \$10 billion for each successive 4 percentage point decline in the interest rate. Refer to the above information. Using  $i$  and  $I$  to indicate the interest rate and investment (in billions of dollars) respectively, which of the following is the correct tabular presentation of the described relationship?

(A)		(B)		(C)		(D)	
$i$	$I$	$I$	$I$	$i$	$I$	$i$	$I$
20	\$50	24	\$10	20	\$0	20	\$10
16	40	20	20	16	10	16	20
12	30	16	30	12	20	12	30
8	20	12	40	8	30	8	40
4	10	8	50	4	40	4	50
0	0	4	60	0	50	0	60

- A. column (A)
- B. column (B)
- C. column (C)**
- D. column (D)

*Accessibility: Keyboard Navigation*

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

228. Assume that if the interest rate that businesses must pay to borrow funds were 20 percent, it would be unprofitable for businesses to invest in new machinery and equipment so that investment would be zero. But if the interest rate were 16 percent, businesses would find it profitable to invest \$10 billion. If the interest rate were 12 percent, \$20 billion would be invested. Assume that total investment continues to increase by \$10 billion for each successive 4 percentage point decline in the interest rate.

Refer to the above information. Which of the following correctly expresses the indicated relationship as an equation?

A.  $i = 20 - 4I$ .

**B.**  $i = 20 - .4I$ .

C.  $i = 24 - .4I$ .

D.  $i = 20 - 10I$ .

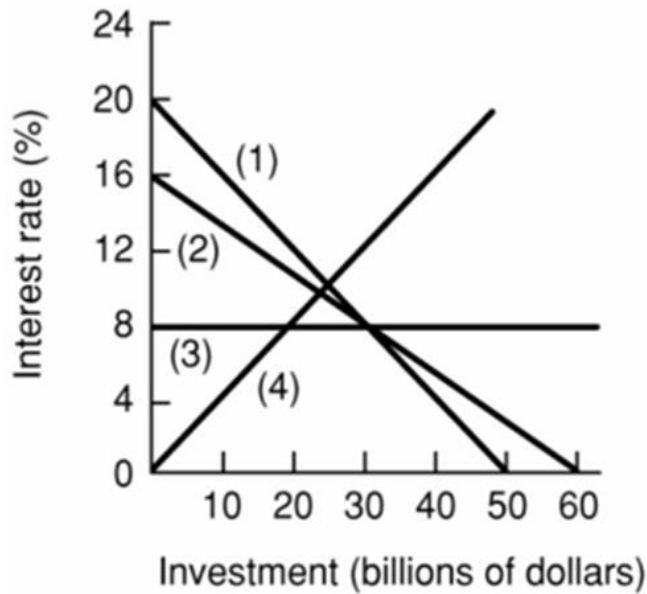
*Accessibility: Keyboard Navigation*

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

229. Assume that if the interest rate that businesses must pay to borrow funds were 20 percent, it would be unprofitable for businesses to invest in new machinery and equipment so that investment would be zero. But if the interest rate were 16 percent, businesses would find it profitable to invest \$10 billion. If the interest rate were 12 percent, \$20 billion would be invested. Assume that total investment continues to increase by \$10 billion for each successive 4 percentage point decline in the interest rate. Refer to the above information. Which of the following is the correct graphical presentation of the indicated relationship?



- A. line 4
- B. line 3
- C. line 2
- D.** line 1

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

230.

After-tax income	Consumption
\$1000	\$900
2000	1800
3000	2700
4000	3600
5000	4500

The above data suggest that:

- A. consumption varies inversely with after-tax income.
- B.** consumption varies directly with after-tax income.
- C. consumption and after-tax income are unrelated.
- D. a tax increase will increase consumption.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

231.

After-tax income	Consumption
\$1000	\$900
2000	1800
3000	2700
4000	3600
5000	4500



The above data indicates that:

- A. consumers spend 80 percent of their after-tax incomes.
- B.** consumers spend 90 percent of their after-tax incomes.
- C. a tax reduction will reduce consumption.
- D. the relationship between consumption and after-tax income is random.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*

232.

After-tax income	Consumption
\$1000	\$900
2000	1800
3000	2700
4000	3600
5000	4500

The above data suggest that:

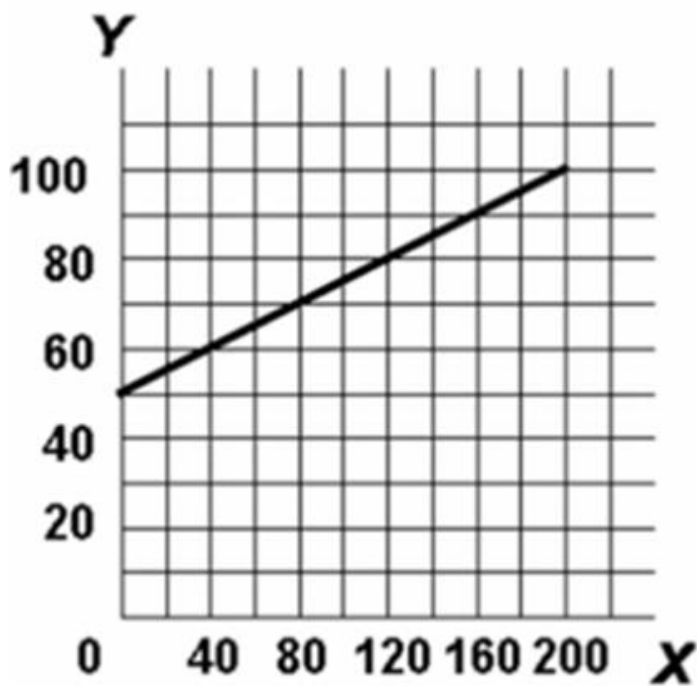
- A.** a policy of tax reduction will increase consumption.
- B. a policy of tax increases will increase consumption.
- C. tax changes will have no impact on consumption.
- D. after-tax income should be lowered to increase consumption.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



233.

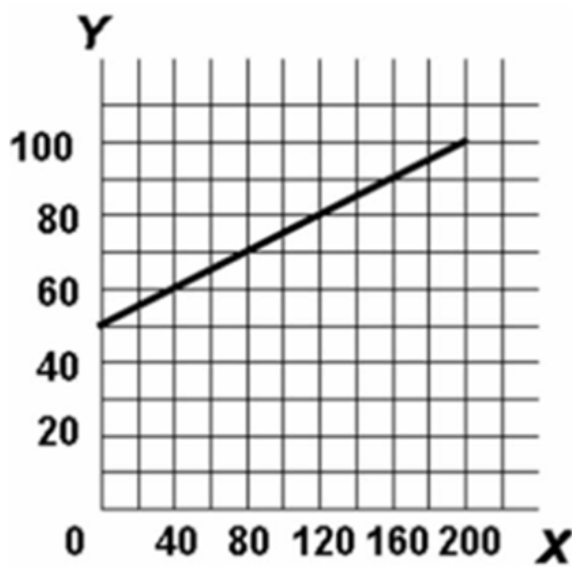
Refer to the above diagram. The variables X and Y are:

- A. inversely related.
- B. directly related.**
- C. unrelated.
- D. negatively related.

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



234.

Refer to the above diagram. The vertical intercept:

A. is 40.

**B.** is 50.

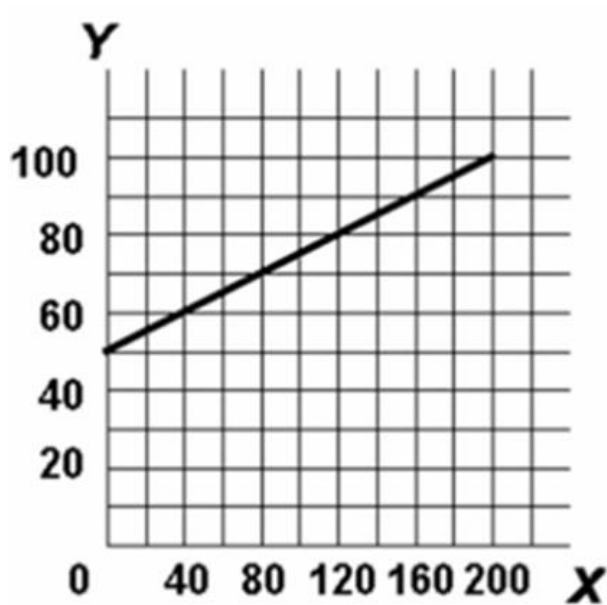
C. is 60.

D. cannot be determined from the information given.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



235.

Refer to the above diagram. The slope of the line:

A. is  $-\frac{1}{4}$ .

**B.** is  $+\frac{1}{4}$ .

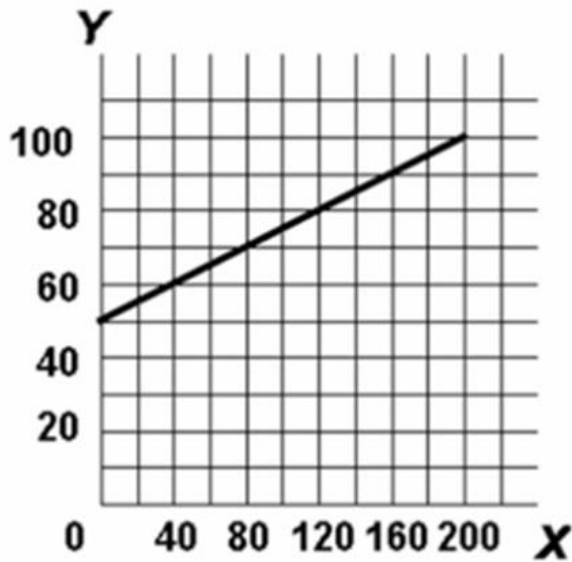
C. is .40.

D. cannot be determined from the information given.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



236.

Refer to the above diagram. The equation which shows the relationship between Y and X is:

**A.**  $Y = 50 + \frac{1}{4}X$ .

**B.**  $X = \frac{1}{4}Y$ .

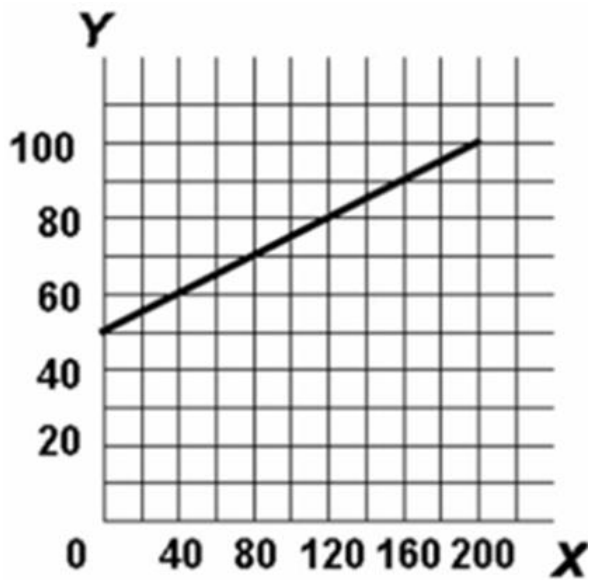
**C.**  $Y = .4X$ .

**D.**  $Y = \frac{1}{4}X - 50$ .

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



237.

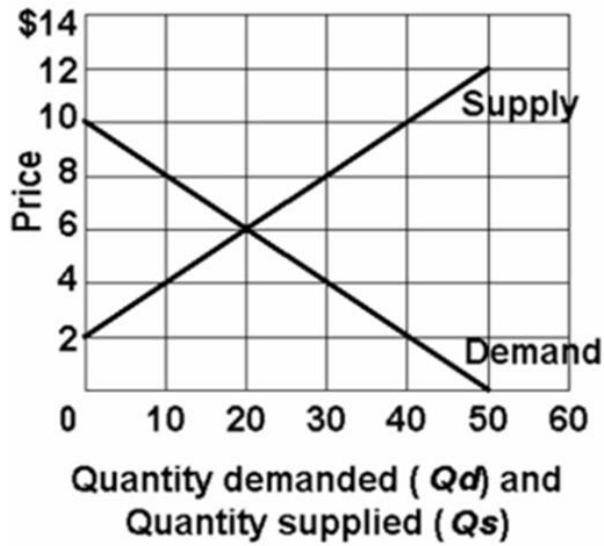
The slope of a straight line can be determined by:

- A. comparing the absolute horizontal change to the absolute vertical change between two points on the line.
- B.** comparing the absolute vertical change to the absolute horizontal change between two points on the line.
- C. taking the reciprocal of the vertical intercept.
- D. comparing the percentage vertical change to the percentage horizontal change between two points on the line.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-35 Increases in Factor Supplies*



238.

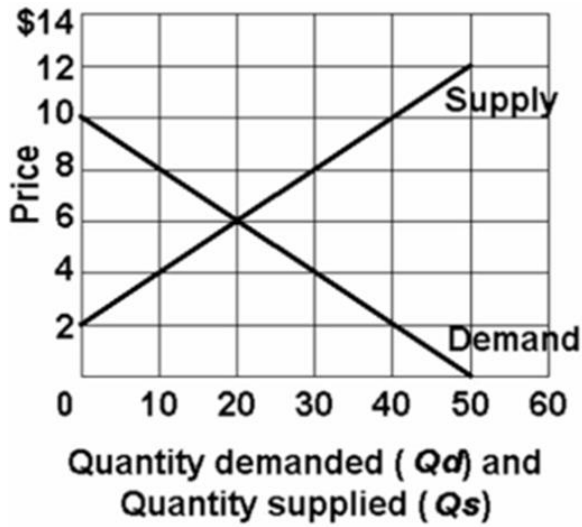
Refer to the above graph. Which of the following statements is correct?

- A. Quantity demanded and quantity supplied are independent of price.
- B. Price and quantity demanded are directly related.
- C. Price and quantity supplied are directly related.**
- D. Price and quantity supplied are inversely related.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



239.

Refer to the above graph. Which of the following schedules correctly reflects "demand"?

(A)		(B)		(C)		(D)	
P	Qd	P	Qd	P	Qd	P	Qd
\$12	0	\$14	0	\$14	60	\$12	0
10	0	12	0	12	50	10	10
8	10	10	20	10	40	8	20
6	20	8	40	8	30	6	30
4	30	6	60	6	20	4	40
2	40	4	80	4	10	2	50



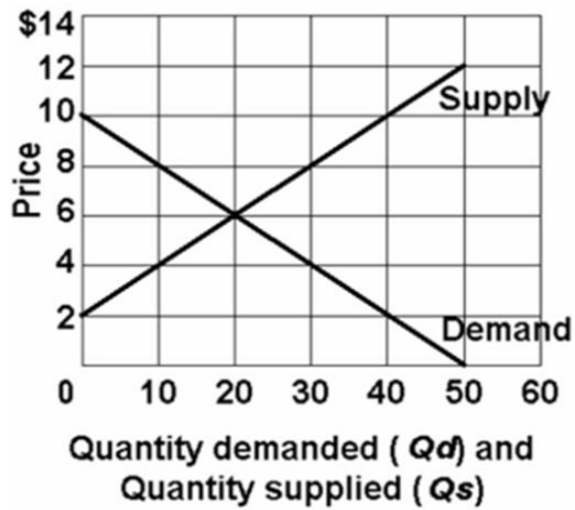
Chapter 01 - Limits, Alternatives, and Choices

- A. schedule (A)
- B. schedule (B)
- C. schedule (C)
- D. schedule (D)

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-31 Economic rationale*



240.

Refer to the above graph. Which of the following schedules correctly reflects "supply"?

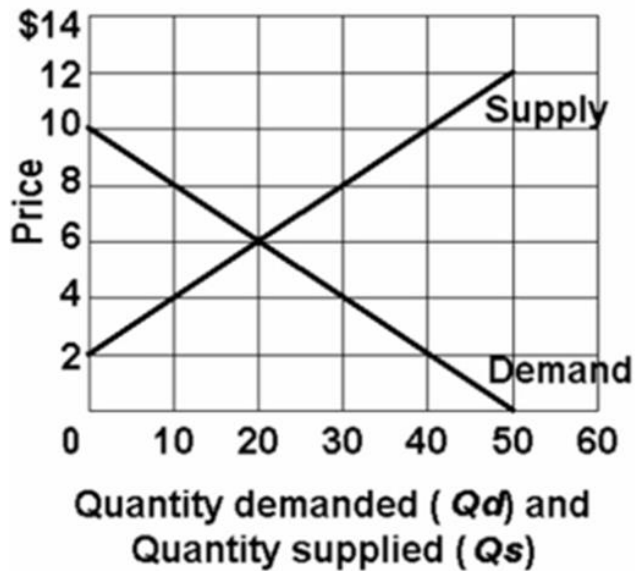
(A)		(B)		(C)		(D)	
P	Qd	P	Qd	P	Qd	P	Qd
\$12	0	\$14	0	\$14	60	\$12	0
10	0	12	0	12	50	10	10
8	10	10	20	10	40	8	20
6	20	8	40	8	30	6	30
4	30	6	60	6	20	4	40
2	40	4	80	4	10	2	50

- A. schedule (A)
- B. schedule (B)
- C.** schedule (C)
- D. schedule (D)

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-31 Economic rationale*



241.

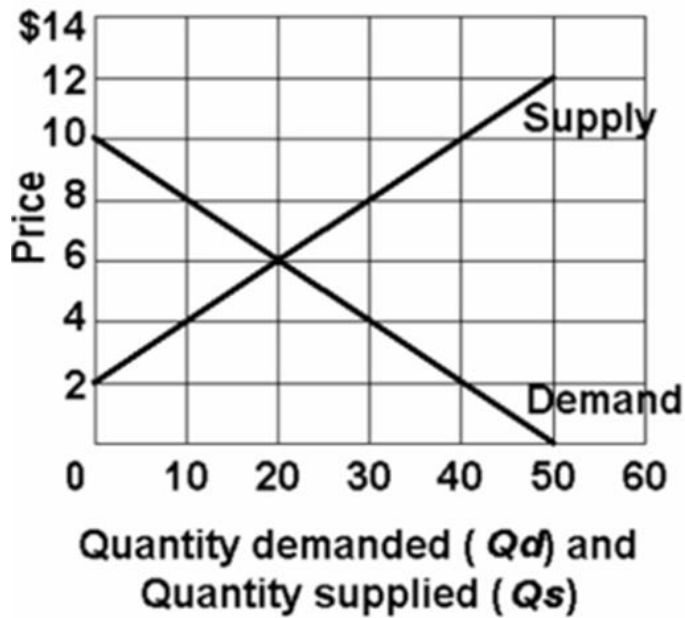
Refer to the above graph. Using  $Q_d$  for quantity demanded and  $P$  for price, which of the following equations correctly states the demand for this product?

- A.  $P = Q_d/10$ .
- B.  $P = 50 - P/2$ .
- C.  $P = 10 - .2Q_d$ .**
- D.  $P = 10 - 2Q_d$ .

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-30 Shape of the Curve*



242.

Refer to the above graph. Using  $Q_s$  for quantity supplied and  $P$  for price, which of the following equations correctly states the supply of this product?

- A.  $P = 4 + .2Q_s$ .
- B.  $P = 60/Q_s$ .
- C.  $P = 10Q_s - 2P$ .
- D.**  $P = 2 + .2Q_s$ .

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-30 Shape of the Curve*

243. Assume a household would consume \$100 worth of goods and services per week if its weekly income were zero and would spend an additional \$80 per week for each \$100 of additional income. Letting C represent consumption and Y represent income, the equation which summarizes this relationship is:

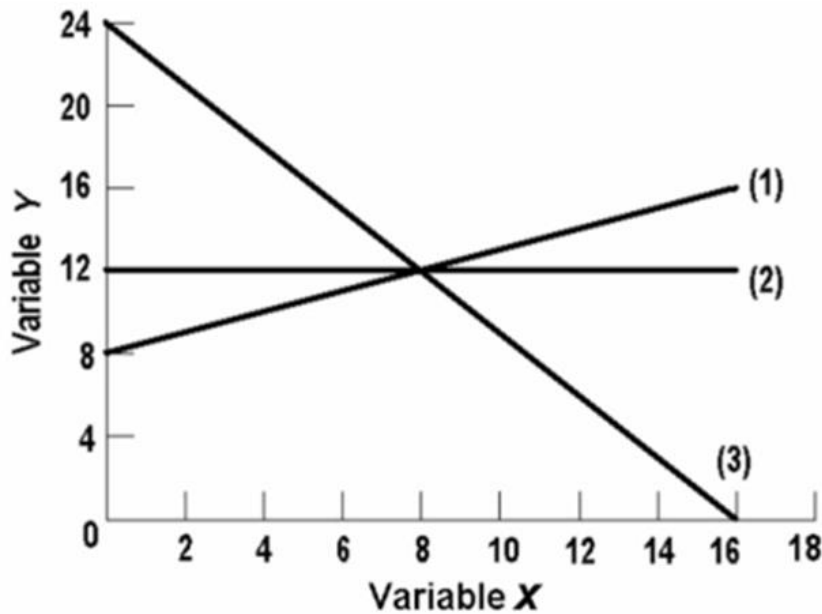
- A.  $C = 80 + 100Y$ .
- B.  $C = 100 + .8Y$ .**
- C.  $C = 100 + 80Y$ .
- D.  $C = 80 + .1Y$ .

Accessibility: Keyboard Navigation

Difficulty: Hard

Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.

Topic: 01-30 Shape of the Curve



244.

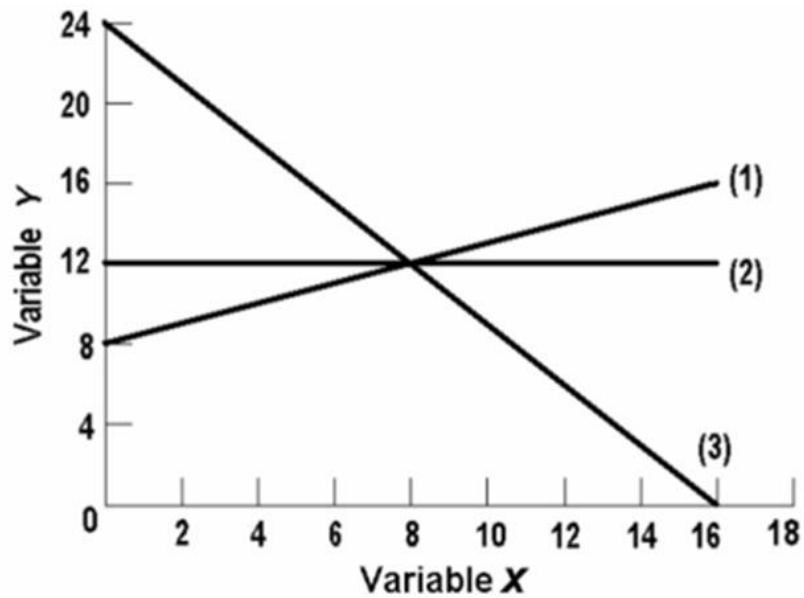
In line (1) on the above graph, the variables x and y are:

- A. nonlinearly related.
- B. positively related.**
- C. negatively related.
- D. inversely related.

Difficulty: Easy

Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.

Topic: 01-32 Optimal Allocation



245.

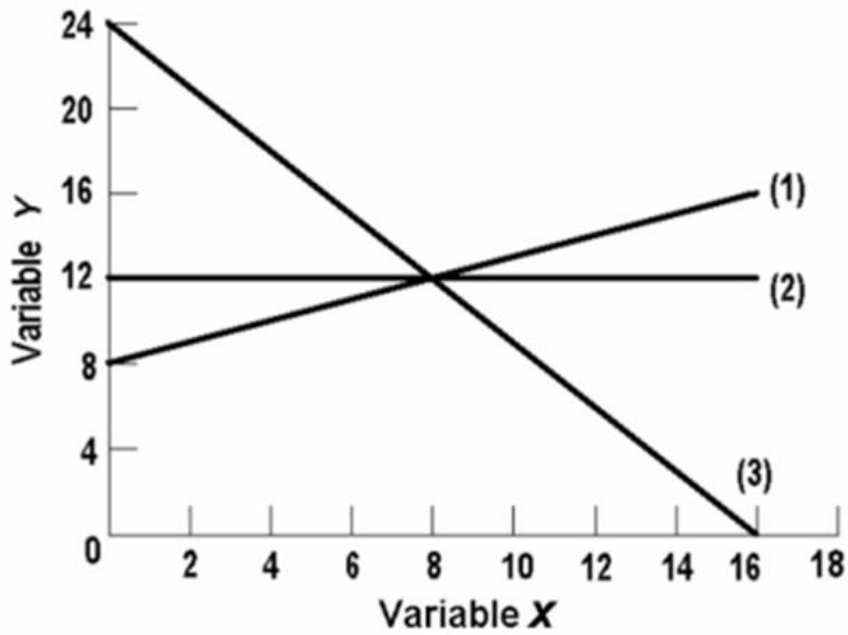
In line (3) on the above graph, variables x and y are:

- A. directly related.
- B.** negatively related.
- C. positively related.
- D. nonlinearly related.

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



246.

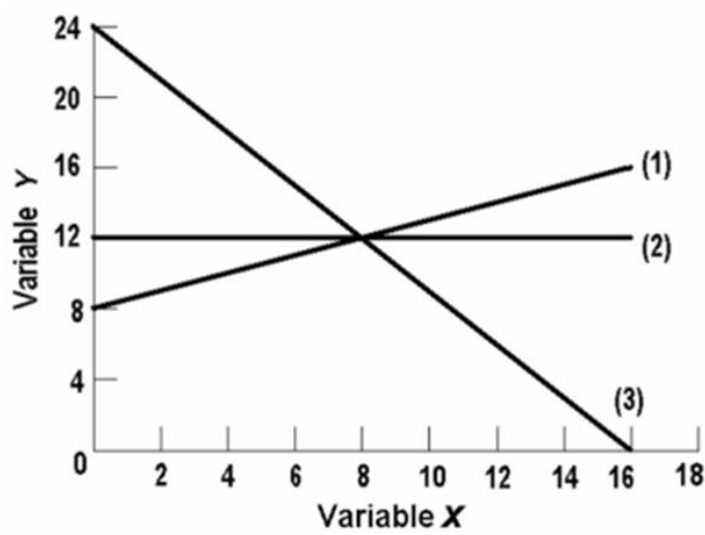
The linear equation for line (1) on the above graph is:

- A.  $y = 8 + 2x$ .
- B.**  $y = 8 + .5x$ .
- C.  $x = 8 + .5y$ .
- D.  $y = 8 - 2x$ .

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-37 Present Choices and Future Possibilities*



247.

The slope of line (2) on the above graph is:

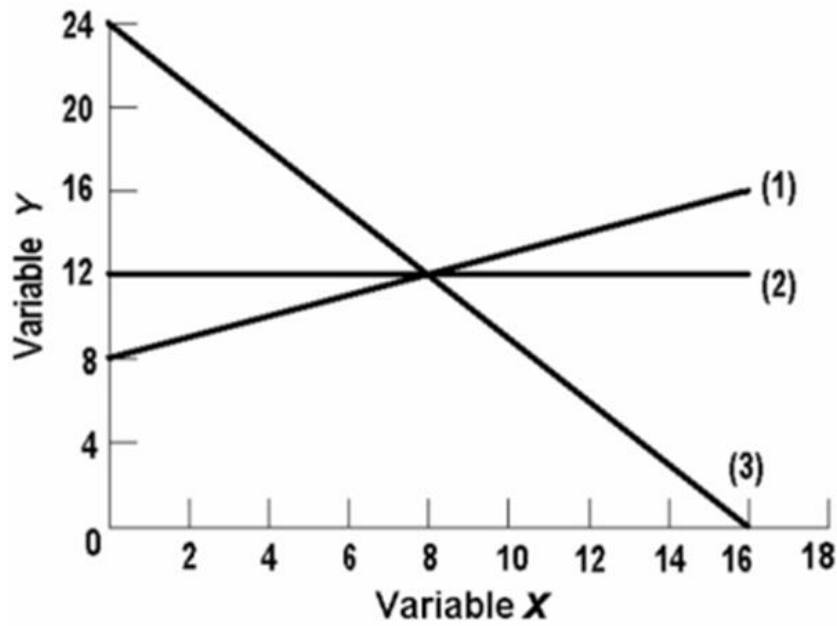
- A. 0
- B. .66.
- C. .75.
- D. 1.50.

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-35 Increases in Factor Supplies*





248.

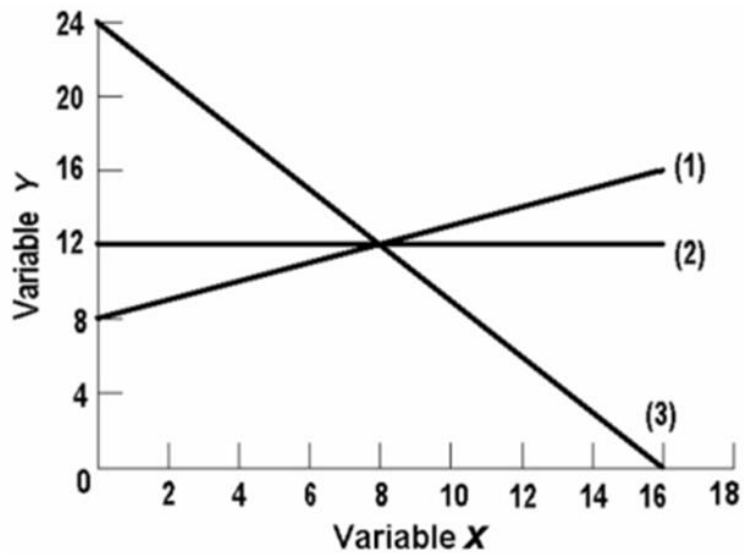
The linear equation for line (3) on the above graph is:

- A.  $y = 24 - 1.5x$ .
- B.  $y = 16 - .5x$ .
- C.  $y = 24 - .66x$ .
- D.  $y = 24 - .75x$ .

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-37 Present Choices and Future Possibilities*



249.

The vertical intercept of line (2) on the above graph is:

- A. 8
- B. 12**
- C. 16
- D. 24

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-36 Advances in Technology*

Chapter 01 - Limits, Alternatives, and Choices

250. If the equation  $y = 5 + 6x$  was graphed, the:

- A. slope would be -5.
- B. slope would be +5.
- C.** slope would be +6.
- D. vertical intercept would be +6.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-37 Present Choices and Future Possibilities*

251. If the equation  $y = 15 - 4x$  was plotted, the:

- A. vertical intercept would be -4.
- B. vertical intercept would be +4.
- C. vertical intercept would be +9.
- D.** slope would be -4.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-37 Present Choices and Future Possibilities*

252. If the equation  $y = -10 + 2.5x$  was plotted

- A. the vertical intercept would be -10.
- B. the slope would be +2.5.
- C. it would graph as an upsloping line.
- D.** all of the above would be true.

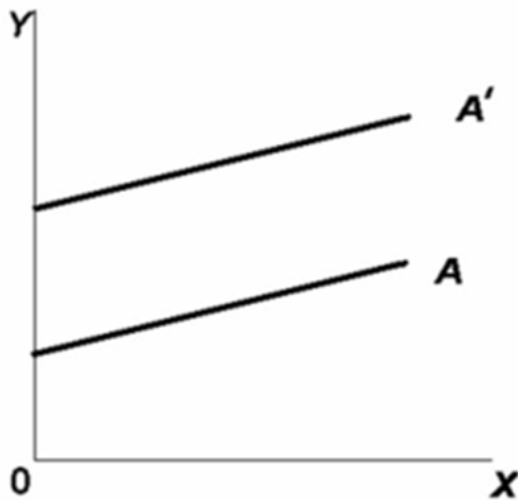
*Accessibility: Keyboard Navigation*

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-37 Present Choices and Future Possibilities*

253. Refer to the graph. The movement from line A to line A' represents a change in:

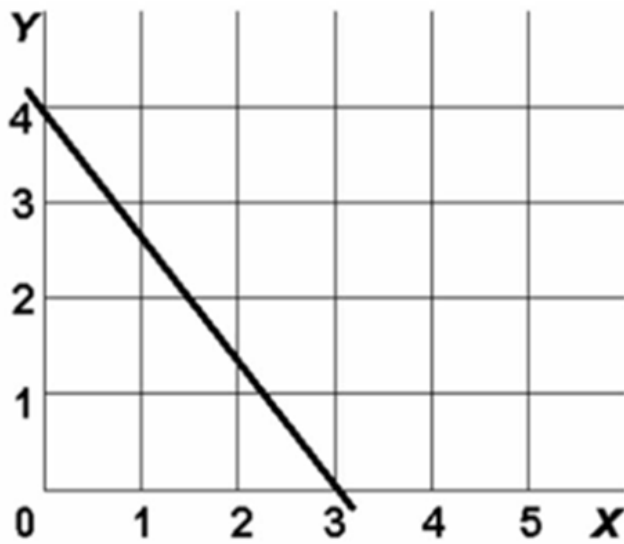


- A. the slope only.
- B.** the intercept only.
- C. both the slope and the intercept.
- D. neither the slope nor the intercept.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-36 Advances in Technology*



254.

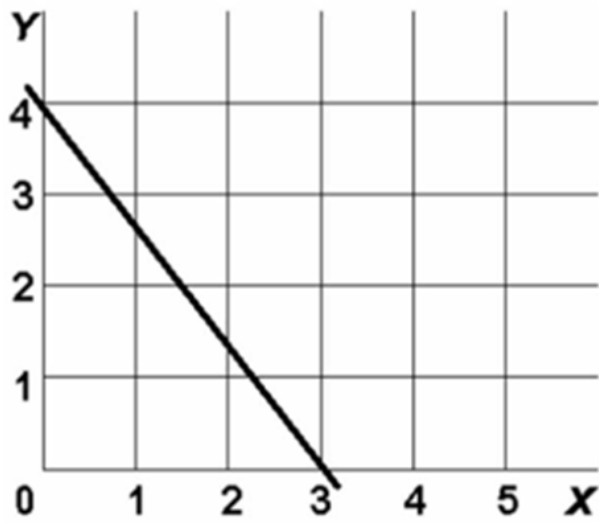
In the above diagram variables  $x$  and  $y$  are:

- A. both dependent variables.
- B. directly related.
- C. inversely related.**
- D. unrelated.

*Difficulty: Easy*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-32 Optimal Allocation*



255.

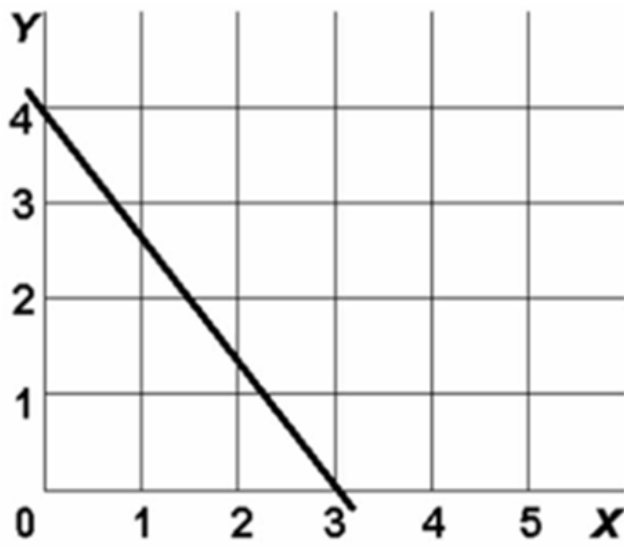
In the above diagram the vertical intercept and slope are:

- A. 4 and  $-1\frac{1}{3}$  respectively.
- B. 3 and  $-1\frac{1}{3}$  respectively.
- C. 3 and  $+\frac{3}{4}$  respectively.
- D. 4 and  $+\frac{3}{4}$  respectively.

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-35 Increases in Factor Supplies*



256.

In the above diagram the equation for this line is:

- A.**  $y = 4 - 1\frac{1}{3}x$ .
- B.  $y = 3 + \frac{3}{4}x$ .
- C.  $y = 4 - \frac{3}{4}x$ .
- D.  $y = 4 + 1\frac{1}{3}x$ .

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-37 Present Choices and Future Possibilities*

257. If we are considering the relationship between two variables and release the "other things equal" assumption, we would expect:

- A. the relationship to change from direct to inverse.
- B.** the line representing that relationship on a graph to change locations.
- C. the data points representing the relationship to become more randomly scattered.
- D. the relationship to change from inverse to direct.

*Accessibility: Keyboard Navigation*

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-34 A Growing Economy*

258. The amount of pizzas that consumers want to buy per week is reflected in the equation  $P = 15 - .02Q_d$ , where  $Q_d$  is the amount of pizzas purchased per week and  $P$  is the price of pizzas. On the basis of this information we can say that:

- A. if pizzas were free, people would consume 800 per week.
- B. more pizzas will be purchased at a high price than at a low price.
- C. if the price of pizzas is \$6, then 150 will be purchased.
- D.** 50 fewer pizzas will be purchased per week for every \$1 increase in price.

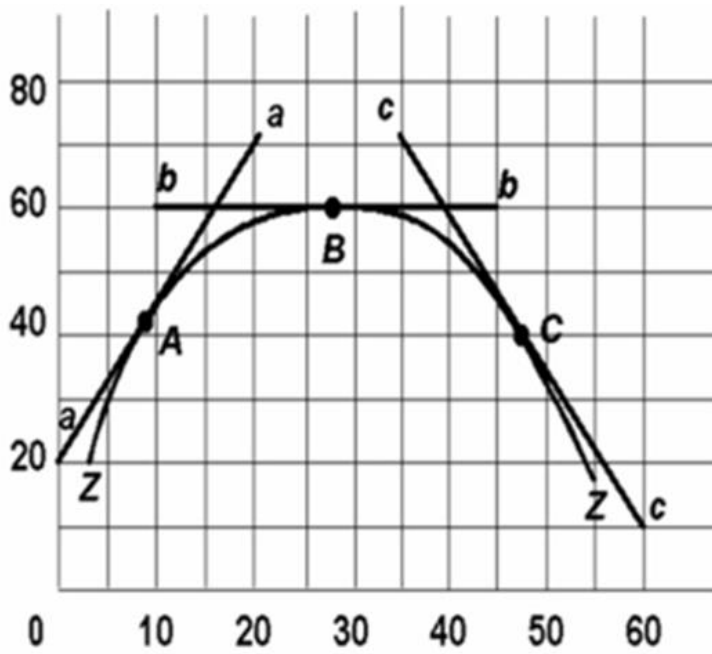
*Accessibility: Keyboard Navigation*

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-34 A Growing Economy*





259.

Refer to the above diagram. The slope of curve ZZ at point B is:

- A. infinity.
- B. zero.**
- C. one.
- D. none of the above.

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-38 A Qualification: International Trade*

Chapter 01 - Limits, Alternatives, and Choices

260. The slope of a line parallel to the vertical axis is:

- A. zero.
- B. one.
- C. infinite.**
- D. one-half.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-38 A Qualification: International Trade*

261. The slope of a line parallel to the horizontal axis is:

- A. zero.**
- B. one.
- C. infinite.
- D. one-half.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-38 A Qualification: International Trade*

262. The measured slope of a line:

- A. is independent of how the two variables are denominated.
- B. will be affected by how the two variables are denominated.**
- C. necessarily diminishes as one moves rightward on the line.
- D. necessarily increases as one moves rightward on the line.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-38 A Qualification: International Trade*

263. Slope of lines are especially important in economics because:

- A.** they measure marginal changes.
- B. they always tell us something about profits.
- C. positive slopes are always preferred to negative slopes.
- D. they always relate to resource and output scarcity.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-38 A Qualification: International Trade*

264. In a linear equation relating income and consumption, you know that the intercept is \$1,000 and the slope of the line is 4. If income is \$20,000, then consumption is:

- A. \$8,000
- B.** \$9,000
- C. \$10,000
- D. \$11,000

*Accessibility: Keyboard Navigation*

*Difficulty: Hard*

*Learning Objective: 01-08 Explain how economic growth and international trade increase consumption possibilities.*

*Topic: 01-37 Present Choices and Future Possibilities*

265. Scarcity in relation to wants means you face trade-offs; therefore, having to make choices is which of the ten key concepts to retain for a lifetime?

- A.** Facing trade-offs
- B. Opportunity cost
- C. Choosing a little more or a little less
- D. The influence of incentives

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-01 List the ten key concepts to retain for a lifetime.*

*Topic: 01-01 Ten Key Concepts to Retain for a Lifetime*

266. The cost of the choice you make is what you give up for it, is which of the ten key concepts to retain for a lifetime?

- A. Facing trade-offs
- B. Opportunity cost**
- C. Choosing a little more or a little less
- D. The influence of incentives

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-01 List the ten key concepts to retain for a lifetime.*

*Topic: 01-01 Ten Key Concepts to Retain for a Lifetime*

267. Choices are usually made at the margin, is which of the ten key concepts to retain for a lifetime?

- A. Facing trade-offs
- B. Interest Expense
- C. Marginal analysis**
- D. The influence of incentives

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-01 List the ten key concepts to retain for a lifetime.*

*Topic: 01-01 Ten Key Concepts to Retain for a Lifetime*

268. Markets usually do a good job of coordinating trade among individuals, groups, and nations. Is which of the ten key concepts to retain for a lifetime?

- A. Facing trade-offs
- B. Opportunity cost
- C. The effectiveness of markets**
- D. The influence of incentives

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-01 List the ten key concepts to retain for a lifetime.*

*Topic: 01-01 Ten Key Concepts to Retain for a Lifetime*

Chapter 01 - Limits, Alternatives, and Choices

269. The economic perspective focuses largely on:

- A.** marginal analysis.
- B. rational task analysis.
- C. total revenues.
- D. total costs.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-02 Define economics and the features of the economic way of thinking.*

*Topic: 01-05 Marginal Analysis: Comparing Benefits and Costs*

270. Like other branches of social science, economics relies on the:

- A. trial and error method.
- B. sub-optimization model.
- C. heuristic method.
- D.** scientific method.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-03 Describe the role of economic theory in economics.*

*Topic: 01-06 Theories, Principles, and Models*

271. Of the countries listed in Image 1.1, Which of the following countries had the highest average income in 2015?

- A.** Norway
- B. Switzerland
- C. United States
- D. Canada

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-12 Limited Income*

Chapter 01 - Limits, Alternatives, and Choices

272. Of the countries listed in Image 1.1 Which of the following positions did Canada occupy with regard to average income in 2015?

- A. First
- B. Fourth**
- C. Ninth
- D. Twelfth

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-12 Limited Income*

273. The attainable area for the budget line, per Figure 1.1, includes:

- A. the area below the line but not the budget line itself.
- B. the area below the budget line and the budget line.**
- C. the area above the budget line but no the budget line itself.
- D. the area above the budget line and the budget line.

*Accessibility: Keyboard Navigation*

*Difficulty: Easy*

*Learning Objective: 01-05 Explain the individual's economic problem and how trade-offs; opportunity costs; and attainable combinations can be illustrated with budget lines.*

*Topic: 01-15 Attainable and Unattainable Combinations*

274. The production possibilities curve is bowed out from the origin because:

- A. marginal benefits are equal.
- B. marginal benefits decrease.**
- C. marginal benefits are unpredictable.
- D. marginal benefits decrease and then increase in value.

*Accessibility: Keyboard Navigation*

*Difficulty: Medium*

*Learning Objective: 01-07 Apply the concepts of production possibilities analysis; increasing opportunity costs; and economic growth.*

*Topic: 01-30 Shape of the Curve*