

1991 Polk County E-Team  
8th Grade

Begin 5 point question round

- ECON** 1. What leader of the Federalists has his picture on the \$10 bill?
- Answer: (Alexander) Hamilton
- SS** 2. Which one or ones of the following four nations are currently ruled by communist ideology?
- A. Poland
  - \*B. Cuba
  - C. Germany
  - D. Nicaragua
- ECON** 3. Fill in the blank with the one missing word. \_\_\_\_\_ is characterized by public ownership of the factors of production.
- Answer: Capitalism
- ECON** 4. Which one of the following four illustrates the interdependence of consumers and businesses?
- A. factors of production
  - \*B. circular flow of economic activity
  - C. scarcity
  - D. technology
- SCI** 5. What name is given to a layer of rock or sediment (usually gravel, sand, sandstone, or cracked limestone) through which groundwater is allowed to pass freely and move sideways above a layer of impermeable rock?
- Answer: aquifer
- (Source: Earth Science, Prentice-Hall)
- SS** 6. What legal document provides for the number of U.S. Congressional members?
- Answer: The Constitution (of the United States)
- ENG** 7. Which one of the following four sentences is an example of onomatopoeia?
- A. Peter Piper picked a peck of pickled peppers.
  - B. Your eyes are doves behind your veil.
  - \*C. Plop, plop, fizz, fizz, oh what a relief it is.
  - D. Outlaw the rifle and you tamper with America's soul.

**ENG** 8. What type of rock is formed when magma cools and hardens?

Answer: igneous

**ECON** 9. Which one of the following four European countries will have its economy affected by hosting the 1992 Summer Olympics?

- A. Italy
- B. France
- \*C. Spain
- D. Germany

**ECON** 10. A corporation is owned by its board of directors. True or False?

Answer: false

**MATH** 11. How many cubic-inch blocks are needed to fill a rectangular box which is 10 inches long, 5 inches wide, and 4 inches high?

Answer: 200

**ECON** 12. Which one of the following four best describes the economic system of the United States?

- A. pure capitalism
- \*B. modified capitalism
- C. socialism
- D. laissez-faire

**SCI** 13. What is the name of the lowest layer of the atmosphere?

Answer: troposphere

(Source: Earth Science, Prentice Hall)

**ECON** 14. What economics term can also mean the slope of land adjoining a body of water?

Answer: bank

**ECON** 15. Which one of the following four terms is defined as a limit on the total value or amount of a product that may be imported?

- \*A. quota
- B. tariff
- C. customs limit
- D. foreign trade control

**HIST** 16. Match each of the four men to his publication.

Men

Publications

- |                       |                                       |
|-----------------------|---------------------------------------|
| 1. Thomas Paine       | A. <u>Poor Richard's Almanac</u>      |
| 2. Thomas Jefferson   | B. <u>The Federalist Papers</u>       |
| 3. Benjamin Franklin  | C. <u>Common Sense</u>                |
| 4. Alexander Hamilton | D. <u>Declaration of Independence</u> |

Answer: 1-C, 2-D, 3-A, 4-B

**ENG 17.** Word scramble. Four Proverbs have been scrambled. Unscramble each and state the four in proper form.

1. A fool and his money have come home to roost.
2. Birds of a feather shouldn't throw stones.
3. The chickens flock together.
4. People who live in glass houses are soon parted.

Answer: 1. A fool and his money are soon parted.  
2. Birds of a feather flock together.  
3. The chickens have come home to roost.  
4. People who live in glass houses shouldn't throw stones.

**MATH 18.** Saturn is 900 million miles from the sun. State this number in scientific notation.

Answer:  $9 \times 10^8$  (accept:  $9.0 \times 10^8$ )

**ECON 19.** Which one or ones of the following four statements are true concerning the Bank of the United States.

- A. It later became the Bank of America.
- \*B. It was opposed by Andrew Jackson.
- C. It held all government funds after 1836.
- D. It favored people in the South and West.

**MATH 20.** Find the area in square centimeters of a triangle whose base measures seven centimeters, whose sides measure eight and nine centimeters and whose altitude measures six centimeters.

Answer: 21

**End of 5-point round.**

**Begin 10-point team question.**

**Read:** For this team question you will be given Handout 8-1-1.

**Do not distribute the handouts until you are instructed to do so. This team question is worth 10 points. Each question is worth one point.**

**You will be given 2 minutes. Please identify one handout as your team answer sheet in the upper left-hand corner.**

**Begin.**

**Time 2 minutes.**

**STOP!**

**Identify one handout as your team answer sheet and hold it in the air. The judges will correct your work.**

Handout 8-1-1  
Team # \_\_\_\_\_

Match each of the words to the correct definition.

<u>Words</u>		<u>Definitions</u>	
___ 1.	coronation	A.	unruliness
___ 2.	explanation	B.	a gift for charitable purposes
___ 3.	assassination	C.	the installation of a monarch
___ 4.	nomination	D.	the murder of an eminent person
___ 5.	insubordination	E.	fancy or mental representations
___ 6.	vaccination	F.	making anything clear
___ 7.	determination	G.	a small surgical operation legally enforced
___ 8.	imagination	H.	resolution or "grit"
___ 9.	resignation	I.	the giving up of an office
___ 10.	donation	J.	the choosing of a candidate

**Read answers: (one point each)**

1. C
2. F
3. D
4. J
5. A
6. G
7. H
8. E
9. I
10. B

**Announce scores from team question.**

**Two-minute break.**

**Announce scores after the round.**

**Begin 10-point round.**

**ECON 21.** In the circular flow of economic activity the outputs of one group become the inputs of the other. True or False?

Answer: true

**ENG 22.** Identify the two most abundant elements which make up the earth's crust.

Answer: oxygen and silicon

**MATH 23.** Which one of the following four expressions represents the largest number?

- \*A. 78 times 46 plus 22 times 46
- B. the product of the largest two prime numbers less than 50
- C. 5 cubed times 2 cubed
- D. the positive square root of 90,000

**SS 24.** Name the famous female advocate of women's suffrage whose personage appears on a United States coin.

Answer: Susan B. Anthony

(Source: Hirsch, A First Dictionary of Cultural Literacy, p. 100)

**ECON 25.** Which one of the following four is most like laissez-faire?

- \*A. pure capitalism
- B. modified capitalism
- C. socialism
- D. government controls

**ECON** 26. A proportional tax takes the same percentage of all incomes. True or false?

Answer: true

(Source: Scribner, Economics, p. 437)

**ENG** 27. Choose the correct verb to complete the following sentence:

Mumps (is/are) spreading rapidly through school.

Answer: is

**SCI** 28. Match each of the four cell structures to the correct process that occurs in or on that structure.

<u>Cell Structures</u>	<u>Processes</u>
1. nucleus	A. the organelle on which new proteins are formed
2. mitochondria	B. the organelles that release energy from food
3. vacuoles	C. fluid-filled sacs used for storage
4. ribosome	D. the structure which contains RNA and DNA and controls cell reproduction

Answer: 1-D, 2-B, 3-C, 4-A

**HIST** 29. Who am I? A statesman, philosopher, and inventor, I retired at age 42 from a lucrative career in publishing and was the first to make a fortune promoting advertising in the many newspapers I owned.

Answer: Ben Franklin

**ECON** 30. Which one of the following four terms can be described as a tax on imports?

- \*A. tariff
- B. service charge
- C. price freeze
- D. dividend

**MATH** 31. Solve the following inequality over the set of real numbers:  $2x$  plus 4 times the quantity  $x-3$  is greater than  $-6$ .

Answer:  $x$  is greater than 1

**ENG** 32. From which one of the following four Greek stories does the term mentor, meaning a good, friendly teacher, come?

- A. The Seagod
- B. The Iliad
- C. The Athenian
- \*D. The Odyssey

**ECON 33.** Match each of the four economics terms to the appropriate explanation.

<u>Economics Terms</u>	<u>Explanations</u>
1. barter	A. anything that is generally accepted in payment for goods and services
2. money	B. exchange of a good or services for another good or service
3. currency	C. a substitute for cash
4. credit card	D. paper money and coins produced by the government

Answer: 1-B, 2-A, 3-D, 4-C

**SS 34.** Which one of the following four explorers crossed the Rocky Mountains and part of the Great Plains in search of the legendary treasures of the Seven Cities of Cibola?

- A. René LaSalle
- B. Hernando De Soto
- \*C. Francisco de Coronado
- D. Ponce de Leon

(Source: Cole Handbook, p. 5)

**HIST 35.** Give the name of the U.S. enemy in the war nicknamed "Mr. Madison's War."

Answer: Great Britain (accept: England)

**ECON 36.** Which one of the following four actions yields the greatest source of income for a bank?

- A. renting safe-deposit boxes
- \*B. making loans
- C. selling money orders
- D. making change

**ECON 37.** Match each of the four terms to the appropriate definition.

<u>Terms</u>	<u>Definitions</u>
1. collective bargaining	A. workers who are not to be given employment because of union activities
2. blacklisted	B. a process by which unions and employers negotiate conditions of employment
3. boycott	C. the refusal of consumers to buy goods and services in protest
4. strike	D. a deliberate stoppage by workers to force an employer to give in to their demands

Answer: 1-B, 2-A, 3-C, 4-D

**MATH** 38. Which one of the following four are true concerning the line segment drawn from the point (4,-2) and (-6, -2)?

- A. the segment crosses the x-axis
- \*B. the segment crosses the y-axis
- C. the segment lies completely in quadrant II
- D. the segment lies completely in quadrant III

**SS** 39. Express the result of the following three-step problem as a percent.

Add the number of Great Lakes to the number of continents,  
Subtract the number of major oceans,  
Divide by the number of states in the United States.

Answer: 16% ( $5 + 7 - 4 = 8$ ;  $8 \div 50 = 0.16$ )

(Source: America: Its People and Values, Wood, pp. 275, 793, 795)

**ECON** 40. Which one of the following four conditions exists when a monopoly exists?

- A. A company is larger than all other companies.
- B. A company produces a greater quantity of an item than any other firm
- C. A company charges higher prices than anyone else for a product.
- \*D. There is only one supplier of a particular good or source.

End of 10-point round.

Begin 20-point team question.

Read: For this team question you will be given Handout 8-1-2.

Do not distribute the handouts until you are instructed to do so. This team question is worth 20 points. Each question is worth 2 points.

You will be given 4 minutes. Please identify one handout as your team answer sheet in the upper left-hand corner.

Begin.

Time 4 minutes.

STOP!

Identify one handout as your team answer sheet and hold it in the air. The judges will correct your work.

Handout 8-1-2  
Team # \_\_\_\_\_

ACROSS CLUES

1. a decrease in the general level of prices
5. goods which will be further processed for resale.
7. costs of keeping self-owned resources in production
8. an organization of producers designed to limit competition between members
9. cost of using a resource to satisfy a particular human want (two words--use a hyphen to show space)

DOWN CLUES

1. expenditures in excess of revenues
2. property or money received from an estate, through a will
3. the settlement of a dispute by a person chosen to hear both sides and come to a decision
4. the scientific and mechanical skill and knowledge used in producing goods and services
6. choices

**Read answers: (2 points each)**

**Announce scores from team question.**

**Two-minute break.**

**Announce scores after the round.**

**Begin 15-point question round.**

**ECON 41.** Demand-pull inflation can be described as too many dollars chasing too few goods. True or false?

Answer: true

**SCI 42.** Which one or ones of the following four rocks are nonclastic rocks?

- \*A. limestone
- B. shale
- C. sandstone
- D. breccia

**SS 43.** The Mason-Dixon line is the boundary of which two states?

Answer: Pennsylvania and Maryland

(Source: Hirsch, A First Dictionary of Cultural Literacy, p. 94)

**ECON 44.** What two-word economics term is defined as the percent of deposit liabilities which banks and other financial institutions must keep on hand against transfer or withdraw?

Answer: reserve ratio

**SCI 45.** Name four of the seven physical properties or characteristics that are used to identify minerals.

Answer: (any four) color, luster, hardness, streak, density, crystal shape, cleavage (or fracture)

For the next question you will need this information. A demand curve gives the relationship between price and quantity demanded, with other things being held constant.

**ECON 46.** Which one of the following four is not one of these "other things"?

- A. customer preferences
- \*B. price of the commodity
- C. income
- D. price of substitute goods

**MATH 47.** Is the relation given by the set of ordered pairs (1,1), (2,1), (3,1), and (4,1) a function?

Answer: yes

**ECON 48.** Letter scramble. Unscramble the following letters to form a term from your glossary of economics terms. Identify the term.

E, A, E, N, I, I, E, S, T, L, T, R, X

Answer: externalities

**ECON 49.** Fill in the blank with the one missing word. An arrangement among groups of industrial businesses, often in different countries, to reduce international competition by controlling prices, production, and distribution of goods is called a \_\_\_\_\_.

Answer: cartel

(Source: Scribner, Economics, p. 249)

**SS 50.** Match each of the four governmental leaders to his country.

<u>Leaders</u>	<u>Countries</u>
1. John Major	A. France
2. Franacois Mitterrand	B. Soviet Union
3. Toshiki Kaifu	C. Japan
4. Mikhail Gorbachev	D. England

Answer: 1-D, 2-A, 3-C, 4-B

**SCI 51.** Name the two processes by which exposed rock is weathered.

Answer: decomposition and disintegration

**HIST 52.** Fill in the blank with the missing number. In the Treaty of 1818, the boundary between Canada and the United States from Minnesota to the Rockies was fixed at the \_\_\_\_ parallel.

Answer: 49th

**ECON 53.** Frictional unemployment is defined as unemployment that is the normal turnover of labor. True or false?

Answer: true

**ECON 54.** Supply the two missing words in the following statement.

If the demand for a product increases and the supply remains the same, the demand curve will shift to the \_\_\_\_\_, and the equilibrium price will \_\_\_\_\_.

Answer: right, rise

**HIST 55.** Which one of the following four was the first and bloodiest war between Indians and settlers in New England?

- A. Battle of the Little Big Horn
- \*B. King Philip's War
- C. Bunker Hill
- D. Battle of Wounded Knee

**ECON 56.** What federal program is funded by the F.I.C.A.?

Answer: Social Security

**MATH 57.** A microscope lens magnifies 150 times. Some human hair is about 0.1 millimeter thick. What is the thickness in millimeters of the hair under this microscope?

Answer: 15

**ECON 58.** Name the author of An Inquiry into the Nature and Causes of the Wealth of Nations that was published in Great Britain.

Answer: Adam Smith

(Source: Scribner, Economics, p. 33)

**HIST 59.** Which one or ones of the following four led to discontent and eventually to war in the American colonies?

- \*A. The Sugar Act
- \*B. The Quartering Act
- C. The Navigation Acts
- \*D. The Stamp Act

**MATH 60.** Give the slope and the y-intercept of the line whose equation is given by  $x - 2y = 7$ .

Answer: slope is  $\frac{1}{2}$ ; y-intercept is  $-\frac{7}{2}$  (accept: -3.5)

**End of 15-point round.**

**Begin 30-point team question.**

**Read: For this team question you will be given Handout 8-1-3.**

**Do not distribute the handouts until you are instructed to do so. This team question is worth 30 points. The value of each question is printed on the handout.**

You will be given 3 minutes. Please identify one handout as your team answer sheet in the upper left-hand corner.

Begin.

Time 3 minutes.

STOP!

Identify one handout as your team answer sheet and hold it in the air. The judges will correct your work.

Read answers:

1. D (1 point)
2. C (1 point)
3. B (1 point)
4. A (1 point)
5. 4 (Alaska Purchase, 1867) (2 points)  
2 (Louisiana Purchase, 1803) (2 points)  
1 (Manhattan Island Purchase, 1626-31) (2 points)  
3 (Gadsden Purchase, 1853) (2 points)
6. Russia (2 points)
7. France (2 points)
8. Indians (2 points)
9. Mexico (2 points)
10. D (1 point)
11. A (1 point)
12. B (1 point)
13. C (1 point)
14. Gadsden Purchase (3 points)
15. Alaska Purchase (3 points)

Announce scores from team question.

Teams should remain seated until final scores are computed.

Announce scores.

If scores are tied, have a two-minute break before beginning the tie breaker question. Only the teams whose scores are tied will compete.

Handout 8-1-3

Team # \_\_\_\_\_

Match the four greatest real estate deals in U.S. history in Column A to the purchase price in Column B. (one point each)

<u>Column A</u>	<u>Column B</u>
___ 1. Alaska Purchase	A. \$10,000,000
___ 2. Louisiana Purchase	B. \$24
___ 3. Manhattan Island Purchase	C. \$15,000,000
___ 4. Gadsden Purchase	D. \$7,200,000

5. Indicate the chronological order of the four real estate deals using the numbers 1-4. (2 points each)

- \_\_\_\_\_ Alaska Purchase
- \_\_\_\_\_ Louisiana Purchase
- \_\_\_\_\_ Manhattan Island Purchase
- \_\_\_\_\_ Gadsden Purchase

Identify from whom each was purchased. (2 points each)

- 6. Alaska Purchase \_\_\_\_\_
- 7. Louisiana Purchase \_\_\_\_\_
- 8. Manhattan Island Purchase \_\_\_\_\_
- 9. Gadsden Purchase \_\_\_\_\_

Match the real estate purchase with the governmental leader who was in office at the time. (one point each)

- |                              |                     |
|------------------------------|---------------------|
| _____ 10. Alaska Purchase    | A. Thomas Jefferson |
| _____ 11. Louisiana Purchase | B. Franklin Pierce  |
| _____ 12. Gadsden Purchase   | C. Peter Minuit     |
| _____ 13. Manhattan Island   | D. Andrew Johnson   |

14. Which one of the four real estate purchases was made to give the U.S. a direct railroad route to southern California? (3 points)

\_\_\_\_\_

15. Which one of the four real estate purchases was known as "Seward's Folly"? (3 points)

\_\_\_\_\_

Set 1  
(1991)