

**Polk County E-Team
8th Grade**

Begin 5-point question round.

ECON 1. Final goods and services are goods and services sold to persons who will consume them. True or false?

Answer: True

ECON 2. What is a twelve letter economics term meaning "payment."

Answer: compensation

SCI 3. Shale rock is formed by which one of the following four processes?

- *1. compaction
- 2. hydration
- 3. exfoliation
- 4. frost action

ECON 4. Match the following four economic terms with their synonyms.

- | | |
|--------------------------|----------------------|
| 1. Opportunity Cost | A. Resource |
| 2. Market Clearing Price | B. Trade-off |
| 3. Quantity | C. Amount |
| 4. Factor of Production | D. Equilibrium Price |

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

SS 5. Under constitutional law, the people have only those rights specifically granted to them by the Constitution. True or False.

Answer: false

MATH 6. Giving your answer as a fraction in its lowest common denominator, what is the probability of selecting a vowel, including Y as a vowel, from all the letters in the alphabet?

Answer: 3/13

ECON 7. Fill in the one-word blank. State only one word when you buzz in. _____ is a fixed wage paid periodically for regular work.

Answer: Salary

ECON 8. Fill in the one-word blank. State only one word when you buzz in. The amount of money received by the government as a result of imposing taxes is known as tax _____.

Answer: revenue

SS 9. Name the year in which the Bill of Rights was ratified?

Answer: 1791

MATH 10. Find the circumference of a circle with a diameter of 2.

Answer: 6.28 or 2p

ECON 11. Name the two-word economics term which, in French, literally means to "let do."

Answer: Laissez Faire

ECON 12. I will give every other letter of an economics term. Name the term.

_ a _ i _ a _ i _ m

Answer: capitalism

ENG 13. Which one of the following four words is a synonym for the word "occasional"?

1. episode
2. permanent
- *3. intermittent
4. protrusive

ECON 14. Fill in the one-word blank. State only one word when you buzz in. A _____ bank is a financial institution whose main function is to accept deposits and make loans.

Answer: commercial

ECON 15. What one word could be used to complete each of the following four economic terms?

_____ goods
_____ price index
_____ services
_____ sovereignty

Answer: consumer

SCI 16. What am I? I am an organic sedimentary rock formed from such plant materials as mosses, ferns, and parts of trees. I am graded by the amount of carbon which I contain as well as by my hardness. My hardest form is called anthracite.

Answer: coal

ENG 17. Which one of the following four words is an antonym for the word "deficiency"?

1. scarcity
- *2. surplus
3. sufficiency
4. inadequacy

SS 18. The U.S. Constitution contains how many Amendments?

Answer: 26

MATH 19. 24 is 6 less than twice a certain number. What is the number?

Answer: 15

ECON20. State the one word which will complete all of the following economic terms.

real _____
disposable _____
money _____
personal _____

Answer: income

End of 5-point round.

Begin 10-point team questions.

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 correct answer is worth 2 points. Be aware of the fact that each economic term consists of three hyphenated words and each hyphen takes a space in the crossword puzzle.

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.

Read answers: (2 points each; no partial credit).

2. (across) cost-of-production
3. (across) store-of-value
4. (across) balance-of-payments
5. (across) federal-reserve-note
1. (down) circular-flow-model

Announce scores from team questions.

Two-minute break.

Announce scores after the round.

Begin 10-point question round.

Handout 8-1-1

Team # _____

Fill in the crossword puzzle with the economic terms described.

SS 21. How many original Amendments to the Constitution were approved by Congress in 1789 and submitted to the states for ratification?

Answer: 12

ECON22. Using the "Rule of 72," how many years will it take prices to double with a consistent inflation rate of 12%?

Answer: 6 years

ECON23. Fill in the one-word blank. State only one word when you buzz in. Unemployment compensation is to fiscal policy as open market operations is to _____ policy.

Answer: monetary

For the next question you will be given Handout 8-1-2. Do not distribute these until you are told to do so. (pause) Distribute these face up.

ECON24. Refer to the handout to answer this question. This article describes how the Soviet Union is attempting to address what concept basic to capitalism?

Answer: private property (ownership of private property)

SS 25. Give the U.S. Constitution Amendment numbers which contain the following four "rights." State all four answers when you buzz in.

1. Protection Against Double Jeopardy.
2. Right to Keep and Bare Arms.
3. Right to Free Speech.
4. Right to Freedom of Religion.

Answer: 1 - 5, 2 - 2, 3 - 1, 4 - 1

ENG 26. Fill in the one-word blank. State only one word when you buzz in. A _____ is a form of the verb which is used as an adjective.

Answer: participle

ECON27. Match the following four federal agencies with the type of responsibility which it has. Give four answers when you buzz in.

- | | |
|---------|---|
| 1. FDA | A. maintains fair competition |
| 2. FCC | B. regulates communications industry |
| 3. FTC | C. regulates quality and safety of food and drugs |
| 4. FDIC | D. guarantees deposits in nation's banks |

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

ECON28. What type of inflation is described as "Too many dollars chasing too few goods."

Answer: demand-pull

Handout 8-1-2

ENG 29. In fiction writing, point of view is the relationship of the story-teller to the story. Listen to the following brief selection and identify the narrator's point of view as first person, third person, or omniscient.

"The moon shone brightly in the cold March sky as I finished my work by moonlight. Unfortunately, Professor Herbert really didn't know how much work I still had to do at home."

Answer: first person

MATH 30. Vinny Testaverde completed three of 30 passes. If he continues with the same completion rate, how many completions will he make in 180 attempts.

Answer: 18

ECON 31. A shortage of a good or service in a market system will not persist without which one of the following four:

1. increasing demand.
2. increasing supply.
- *3. government price controls.
4. industry disinvestment.

MATH 32. What is the largest prime number which is less than 52?

Answer: 47

ECON 33. Some in the state of Florida have been proposing a state income tax. Which one of the following four best describes a graduated income tax?

- *1. progressive tax
2. proportional tax
3. regressive tax
4. inverse tax

MATH 34. Which one of the following five numbers is a perfect square?

5, 10, 15, 20, 25

Answer: 25

ECON 35. Which one of the following four principles is followed when the government places a tax on gasoline.

1. fringe benefit
2. factor payment
- *3. benefit received
4. carrying charge

SCI 36. Fill in the one-word blank. State only one word when you buzz in.

_____ is the chemical reaction of water with other substances.

Answer: hydrolysis

ECON37. What nine-letter economics term is described in the following sentence:

George Franklin was puzzled that the Snickers bar which cost him 10¢ as a child now costs 50¢.

Answer: inflation

SCI 38. Which one of the following four weather situations would be on the way if you saw cirrus clouds followed by cirrostratus clouds?

1. dry period and a temperature increase
2. a rainy period and a temperature decrease
- *3. a rainy period and a temperature increase
4. a dry period and no temperature change

ECON39. I will state every other letter of a two-word economics term. Identify the term.

_ e _ e _ i _ p _ i _ c _ p _ e

Answer: benefit principle

ENG 40. Identify the predicate nominative in the following sentence:

Mercury is the smallest planet in our solar system.

Answer: planet

End of 10-point round.

Begin 20-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 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 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 8-1-3

Team # _____

Fill in the following blanks with the names of the United States capitals described (**Do not write the states - only the capitals described.**)

1. Located on the Willamette River and surrounded by the Coast Ranges and the Cascades. _____
2. This capital's name is French for "Red Stick" and was ruled by seven governments. _____
3. Named after a hero of the War of 1812 at the Battle of New Orleans.

4. Nicknamed "Beantown" because Puritan women baked beans every Saturday for serving on Sunday. _____
5. Name means "sheltered harbor" and is the location of Waikiki Beach.

6. Located on the east bank of the Missouri River and known as the "Gateway to the Black Hills." _____
7. Located on the east bank of the Susquehanna River. _____
8. Chosen as the terminus of the Atchison, Topeka, and Santa Fe Railroad.

9. Located on the South Platte River and the home of a U.S. mint.

10. Located on the Severn River and the home of the U.S. Naval Academy.

Read answers: (2 points each)

1. Salem
2. Baton Rouge
3. Jackson
4. Boston
5. Honolulu
6. Pierre
7. Harrisburg
8. Topeka
9. Denver
10. Annapolis

Announce scores from team questions.

Two-minute break.

Announce scores after the round.

Begin 15-point question round.

ENG 41. Name the figure of speech which best describes the following sentence:

Her complexion was peaches and cream.

Answer: metaphor

ECON42. Which one of the following four is not a function of money:

1. store of value
- *2. system of wealth
3. medium of exchange
4. measure of value

ECON43. State the one-word term which you have when you take the 2nd and 3rd letters of the economic word meaning "a condition in which quantity demanded exceeds quantity supplied," then add the first four letters of the economic word meaning "a period in which the economy is experiencing both high unemployment and high inflation." Finally, the last letter of the term described is the first letter of the term meaning "the study of how people make choices about the best use of scarce resources."

Answer: hostage (shortage + stagflation + economics = hostage)

SS 44. Fill in the two-word blank. State only two words when you buzz in. _____ is the imaginary line which runs north and south and stands for 0° longitude.

Answer: Prime meridian

ENG 45. Which one of the following three sentences contains an adjective clause?

1. I became a sky watcher when I was six years old.
- *2. People who like to travel by train seldom fly.
3. We visited the reflecting pool in front of the Lincoln Memorial.

For the next three questions you will use Handout 8-1-4. Do not distribute these until you are instructed to do so. (pause) Distribute these face up.

ECON46. Refer to the handout to answer this question. Which one of the following four is said to have occurred if the supply curve shifts from S_1 to S_2 ?

1. increase in quantity supplied
- *2. increase in supply
3. decrease in quantity supplied
4. decrease in supply

ECON47. Refer to the handout to answer this question. This increase in supply will cause which one of the following four things to happen?

1. price will decrease, quantity supplied with decrease
- *2. price will decrease, quantity supplied with increase
3. price will increase, quantity supplied with increase
4. price will decrease, quantity supplied with decrease

ECON48. Refer to the handout to answer this question. Which one of the following four could not cause this shift in supply?

1. a change in the price of resources (inputs)
2. a change in the price of another good
- *3. a change in the price of product K
4. a new, less expensive method of making product K

MATH 49. Lakeland's softball league has four teams. If each team is scheduled to play each of the remaining teams exactly four times during the season, how many games are scheduled?

Answer: 48

ECON50. Which one of the following four could not be the reason Congress would change fiscal policy?

1. They hoped to stabilize prices.
- *2. It's required to by the Constitution.
3. It would stimulate economic growth.
4. Full employment would result.

ECON51. Fred Thompson discovered that his company could save \$3 per unit in the cost of production if they would paint the parts of the bicycle before assembling them. Which one of the following four best describes this situation?

1. insubordination
- *2. innovation
3. industrial sabotage
4. inelastic supply

MATH 52. The area of a square room is 225 feet squared. How much will it cost to put floor molding around the room at \$.20 per foot.

Answer: \$12

SCI 53. According to the Geologic Time Scale, if an organism belongs to the Miocene epoch and the Tertiary period into which era would it be placed?

Answer: Cenozoic

For the next four questions you will use Handout 8-1-5. Do not distribute these until you are instructed to do so. (pause) Distribute these face up.

ECON54. Refer to the handout to answer this question. How many units of product Q will be demanded at a price of \$3.90?

Answer: 28

ECON55. Refer to the handout to answer this question. How many units of product Q will be supplied at a price of \$3.90?

Answer: 16

ECON56. Refer to the handout to answer this question. What will be occurring in the market place if the price of this product is set at \$3.90?

Answer: shortage

ECON57. Refer to the handout to answer this two-part question. Give two answers when you buzz in. What will be the equilibrium price and equilibrium quantity of product Q?

Answer: price - \$4.30
quantity - 24

SCI 58. This is a two-part question. Give two answers when you buzz in. Using the term mild or the term extreme, how would the climate on the west coast of the U.S. and the climate on the east coast of the U.S. be described if the prevailing westerlies became easterlies?

Answer: west coast - extreme
east coast - mild

MATH 59. Seventy percent of 300 people interviewed in an opinion poll were against a tax increase. How many people were for an increase?

Answer: 90

MATH 60. The earth rotates on its axis at the rate of how many degrees per hour?

Answer: 15° ($360^\circ \div 24 \text{ hours} = 15^\circ$)

End of 15-point round.

Begin 30-point team questions.

Read: For this team question you will be given Handout 8-1-6. Do not distribute the handout until you are instructed to do so. This team question is worth 30 points.

You will be awarded six points for each athlete whose first and last name, as well as sport, you correctly identify.

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

Begin.

Time 5 minutes.

Stop!

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

Read answers: (6 points for each athlete whose first name, last name and sport played is correctly identified.)

**Michael Canseco, baseball
Dan Holyfield, hockey
Jose Marino, boxing
Evander Jordan, football
Wayne Gretzky, basketball**

Announce scores from team questions.

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 questions. Only the teams whose scores are tied will compete.

Tie-breaker questions.

ECON 1. Fill in the one-word blank. State only one word when you buzz in.

_____ is the study of the decision-making processes of individual economic units such as households and businesses.

Answer: microeconomics

SCI 2. Which one of the following four terms describe the effect of earth's rotation which causes the deflection of moving objects toward or away from the equator.

1. Doppler effect
- *2. Coriolis effect
3. Parallax effect
4. Zenith effect

MATH 3.State the median of the following four numbers:

65, 72, 88, 95

Answer: 80

ENG 4. Name the figure of speech which the following sentence illustrates:

Her heart cried out.

Answer: personification

Handout 8-1-6

Team # _____

Logic Grid

Five athletes with oddly scrambled names had a busy year in five different sports; basketball, football, baseball, boxing, and hockey. Their first names, not in any special order, were Michael, Dan, Jose, Evander, and Wayne. Their last names, not in any special order, were Jordan, Marino, Canseco, Holyfield, and Gretsky.

Determine the first name, last name, and sport for each athlete, using the following information.

1. Jose and Holyfield think that sports which use a ball are for wimps.
2. Wayne sank three free throws in his last game.
3. Michael, Evander, and Holyfield are glad that they play a team sport.
4. Jordan and Gretzky were the only two of the five who went to see Jose's match against the challenger.
5. When Marino suffered a knockout, Evander and the basketball player, who saw it happen, waited in the dressing room.
6. Michael's team had a spectacular squeeze play in the last game of the season.

Use the logic grid above to do your work. Answers must be written in the spaces on page two in order to be graded.

Page 2

Handout 8-1-6

Team # _____

You will receive six point for each athlete correctly identified. There is no partial credit--you must have the correct first name, last name, and sport played for an athlete, in order to receive the six points.

	<u>First Name</u>	<u>Last Name</u>	<u>Sport Played</u>
Athlete:	_____	_____	_____
Athlete:	_____	_____	_____
Athlete:	_____	_____	_____
Athlete:	_____	_____	_____
Athlete:	_____	_____	_____