

Polk County E-Team  
7th Grade

Begin 5-point question round

**ECON** 1. A change in price of an item will cause a change in which one of the following three?

- a) demand
- \*b) quantity demanded
- c) supply

**ECON** 2. Retired people on fixed incomes benefit from inflation. True or False?

Answer: False

**ECON** 3. Clearly Clean Dishwasher Detergent is sold in two sizes, 50 oz. for \$3.19 and 20 oz. for \$1.44. Which size is the better value?

Answer: 50 oz. for \$3.19 @ \$.06/oz. (20 oz. is \$.07/oz.)

**ECON** 4. Which factor of production is missing from these four Florida cities?

DE\_\_\_\_\_ OR\_\_\_\_\_O LAKE\_\_\_\_\_ \_\_\_\_\_ O' LAKES

Answer: LAND

**ECON** 5. Place the following four words in alphabetical order.

mercenary, merchant, merchandise, mercantilism

Answer: mercantilism, mercenary, merchandise, merchant

**ECON** 6. Complete the statement by supplying the missing word.

A \_\_\_\_\_ schedule lists the various amounts of a good or service which consumers are willing to buy at various prices during a certain time.

Answer: demand

**MATH** 7. Timmy Tinker's pay was decreased by 10%, then it was increased by 10%. The final amount is equal to the original amount. True or False?

Answer: False

**ENG** 8. Unscramble the following letters to form a two-word economics term.

First word: D R T A E Second word: T F D C I I E

Answer: trade deficit

**ECON** 9. Property taxes generate most of the revenue for funding public education and local government expenditures. True or False?

Answer: True

**SCI** 10. Which two of the following four animals can multiply by dividing?

- \*a) starfish
- b) spider
- \*c) amoeba
- d) flea

**SCI** 11. Which one of the following four pairs of scientists was responsible for our understanding of the shape of the DNA molecule?

- \*a) Watson and Crick
- b) Darwin and Schopf
- c) Curie and Mendel
- d) Newton and Krebs

**ECON** 12. Complete the following analogy by supplying the two missing words.

Labor is to human resource as land is to \_\_\_\_\_ .

Answer: natural resource

**End of 5 point round.**

**Begin 10 point team question.**

**Read: For this team question you will be given Handout 7-1-1.**

**Do not turn over the handouts until you are instructed to do so. This team question is worth 10 points. Each question is worth 2 points.**

**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 7-1-1**

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

Juan Rodriguez, a college student, has one 8-hour day that he can use to earn extra money. He can lifeguard at the city pool, or he can write short stories for the college literary magazine, or he can divide his time between the two jobs. He earns \$6 per hour as a life guard. If he spends his day writing, it takes one hour to write one story, two hours to write a second story, and five hours to write a third story as he becomes less productive during the day. Juan must write a whole number of stories in a day.

1. If Juan is paid \$20 per story, should he do any lifeguarding if he wants to maximize his one-day earnings?

Answer: \_\_\_\_\_

2. If he is paid \$25 per story, should he do any lifeguarding in order to maximize his one-day earnings?

Answer: \_\_\_\_\_

3. What is the opportunity cost of writing the third story?

Answer: \_\_\_\_\_

4. Find the least amount Juan could be paid per story so that he would not have to lifeguard and still maximize his one-day earnings.

Answer: \_\_\_\_\_

5. If Juan gets a dollar an hour raise at the pool and the college magazine can pay no more than \$33 per story, can Juan quit lifeguarding and still maximize his earnings?

Answer: \_\_\_\_\_

**Read Answers:**

1. yes
2. yes
3. \$30
4. \$30
5. no

**Announce scores from team question.**

**Two minute break (all coaches should report to scorekeepers whether substitutions are made or not)**

**Announce scores after the round.**

**Begin 10 point question round.**

For the next five questions you will be be given handout 7-1-2. Do not distribute or turn these over until you are instructed to do so.

**SS** 13. Which federal agency has as its acronym E.P.A.?

Answer: Environmental Protection Agency

**ENG** 14. Name the children's story which provides the theme for this cartoon.

Answer: Chicken Little

**SCI** 15. How many oxygen atoms are in ozone?

Answer: three

**SCI** 16. Which skin pigment provides protection from damaging rays?

Answer: melanin

**SCI** 17. Name the hydrocarbon in refrigeration units considered partially responsible for ozone depletion.

Answer: freon

**Handout 7-1-2**

It is known that our atmospheric envelope has been punctured by areas of ozone depletion.

**ECON 18.** Which one of the following four explains a decrease in demand as it applies to the demand curve?

- a) a movement upward and to the left along the demand curve.
- b) a movement downward and to the right along the demand curve.
- \*c) a shift left in the demand curve.
- d) a shift right in the demand curve.

**ECON 19.** Match each of the four terms to the appropriate descriptive phrase.

<u>Terms</u>	<u>Phrases</u>
1. nuclear energy	A. natural gas and coal
2. synthetic fuel	B. fission
3. fossil fuels	C. costs borne by someone outside the market place transaction
4. spillover costs	D. made from oil shale

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

**ENG 20.** Complete the analogy using one of the four given choices.

Barter is to trade as cajole is to \_\_\_\_\_.

- a) force
- b) demand
- \*c) coax
- d) promise

**HIST 21.** Which one of the following four identifies how the early English settlements in the New World were largely financed?

- a) the royal family
- b) military leaders
- \*c) private corporations and individuals
- d) the Anglican Church

**ECON 22.** Jia decides to operate her own vegetable market in her own building rather than rent the building to Kia for \$2,500 a month for a concert hall. To Jia, the \$2,500 is which one of the following three?

- a) tax deduction
- b) variable cost
- \*c) opportunity cost

**MATH 23.** Mr. Border was building a skateboard ramp. He needed a piece of wood  $\frac{7}{8}$  of a yard long, another piece  $1\frac{3}{4}$  yards long, and a third piece  $\frac{1}{4}$  of a yard long. How many yards of wood did he need?

Answer:  $2\frac{7}{8}$  yards

**ECON 24.** Complete the following analogy with one of the three given choices.

Import is to export as usurp is to \_\_\_\_\_.

- a) seize
- \*b) restore

c) encroach

**ENG** 25. Listen to the following verse by Judith Viorst and identify the speaker.

I really didn't notice that he had a funny nose.  
And he certainly looked better all dressed up in fancy clothes.  
He's not nearly as attractive as he seemed the other night.  
So I think I'll just pretend that this glass slipper feels too tight.

Answer: Cinderella

**RELI** 26. Match each of the four religions to its respective holiday.

<u>Religions</u>	<u>Holidays</u>
1. Moslem	A. Rosh Hashanah (rosh-huh-SHAN-nuh)
2. Judaism	B. Tet
3. Christian	C. Lent
4. Buddhism	D. Ramadan (RAM-uh-dahn)

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

**RELI** 27. Using the information from the previous question which two of the holidays are observances of the new year?

Answer: A and B or Rosh Hashanah and Tet

**ECON** 28. Letter scramble. Rearrange all of the following letters to form an economics term.

E E E E R R R N N T P U

Answer: entrepreneur

**MATH** 29. In 1954, 1,768 newspapers in the United States published 59 million copies daily. What was the average daily circulation of each newspaper to the nearest ten thousand?

Answer: 30,000

**ENG** 30. In which one of the following four is the word capitol spelled with an "o"?

- a) Tallahassee, Florida
- \*b) the buildings which house the legislature
- c) an owner's net worth
- d) punishment by death

**GEO** 31. In my seven-league boots, I can travel the world over in a day. For each of the four steps in my journey, you are to name both the country I visit and the cardinal direction (N, S, E, or W) that I travel. I leave today from Central Florida and I travel to

- A. Managua
- B. Manila
- C. Seoul
- D. Tehran

Answer: A-Nicaragua, S; B-Philippines, W; C-Korea, N; D-Iran, W

**ECON** 32. Complete the statement by supplying the missing word.

The most serious disadvantage of a partnership is unlimited \_\_\_\_\_.

Answer: liability

**SCI** 33. In the International System of measurement what unit term is used for mass?

Answer: gram or kilogram

**MATH** 34. Betti Banks had a previous balance of \$859.76 in her interest-paying checking account. She wrote checks for \$56.98 and \$221.11, and made a deposit of \$275.00. She received \$3.09 in interest. What is her new balance?

Answer: \$859.76

**HIST** 35. When Alaska was purchased by then Secretary of State, William Seward, the transaction was laughed at and called "Seward's Folly." What occurred in 1899 to change people's perception of this purchase?

Answer: gold was discovered

**End of 10-point question round**

**Begin 20-point question round**

**Read:** For this team question you will be given Handout 7-1-3 and 7-1-3a.

Do not turn over the handouts until you are instructed to do so. This team question is worth 20 points. Each question is worth 5 points.

You will be given 2 minutes. Please identify one set of handouts 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 7-1-3  
Team # \_\_\_\_\_

Handout 7-1-3a  
Team # \_\_\_\_\_

1. Which one of the following four things is missing from this letter?
  - a) salutation
  - b) inside address
  - c) complimentary close
  - d) heading
2. Correct four (4) of the eight (8) errors in capitalization.
3. Correct five (5) of the nine (9) punctuation errors.
4. Find the three misspelled words and spell them correctly.

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**Read answers:**

1. d
2. see corrected handout
3. see corrected handout
4. February, envelope, enclosing

**Announce scores from team question.**

**Two minute break (all coaches should report to score keepers whether substitutions are made or not).**

**Announce scores after the round.**

**Begin 15 point question round.**

For the next five question you will be given handout 7-1-4. Do not distribute or turn these over until you are instructed to do so.

**ECON 36.** If 28.6% of unemployed Americans received unemployment insurance, were there more or fewer than 2 million Americans receiving this insurance?

Answer: more

**ECON 37.** What is the mean of the 1987 median incomes of white, black, and Hispanic families to the nearest dollar?

Answer: \$22,804

**ECON 38.** There were 13 million poor children in America in 1987. This represents what percent (to the nearest whole percent) of all poor Americans?

Answer: 41%

**ECON 39.** Children make up the poorest age group in America. Based on this information, which one of the following three groups of families is most likely to be poor?

- a) families with parental age between 40 and 50.
- \*b) families with parental age between 18 and 24.
- c) families with parental age over 60.

**ECON 40.** In 1975 the average cost of buying a new house was \$39,300. If the rate of increase in housing costs continues from '85 through '95, will it cost more or less than \$100,000 to buy a new house in 1995?

Answer: less

**Handout 7-1-4**

Statistics taken from "What Every American Should Be Asking Political Leaders in 1988", Children's Defense Fund, reveal the following:

- o In 1985, the average cost of buying a new house was \$84,300.
- o In 1987, there were 32 million poor Americans.
- o In 1987, there were 7 million Americans unemployed.
- o The 1987 median income of:
  - all American families was \$29,458
  - white families was \$30,809
  - black families was \$17,607
  - Hispanic families was \$19,995

**ENG** 41. Give the meanings for each of the following three commonly used abbreviations.

1. C.O.D.            2. AC            3. IQ

Answer: 1-cash on delivery, 2-alternating current (accept air conditioning),  
3-intelligence quotient

**ECON** 42. Which one of the following four is not one of the following three basic economic questions?

- a) What goods and services will be produced?
- \*b) Where will goods and services be produced?
- c) How will goods and services be produced?
- d) For whom will goods and services be produced?

**ENG** 43. Identify as root, prefix or suffix all parts of the word superconductivity.

Answer: prefixes - super, con  
root - duct  
suffixes - iv(e), ity

**HIST** 44. Complete the following statement by supplying the two missing words. The well-known American artist, James McNeill \_\_\_\_\_, painted "A Portrait of My Mother" which is often better known as "\_\_\_\_\_ Mother".

Answer: Whistler, Whistler's

**ECON** 45. Complete the definition by supplying the two missing words.

\_\_\_\_\_ is the price at which quantity demanded and quantity supplied are exactly equal.

Answer: Equilibrium price (accept market clearing or equilibrium)

**HIST** 46. Who was the leader of the Spaniards when they conquered the Incas of Peru?

Answer: Pizarro

**ECON** 47. When money can be put away to be reused later, it is serving as which one of the following four?

- a) measure of value
- \*b) store of wealth
- c) measure of payment
- d) store of payment

**SCI** 48. Which one of the following four does not represent a method of locomotion for the Kingdom Protista?

- a) pseudopodia (SOO-dah-POH-dee-ah)
- b) cilia (SIL-ee-ah)
- \*c) fimbria (FIM-bree-ah)
- d) flagella (flah-JEL-ah)

**ENG 49.** Translate the following well known rhyme.

Scintillate, scintillate, globule orific,  
Fain would I fathom thy nature's specific.  
Loftily poised in ether capacious,  
Strongly resembling a gem carbonaceous.

Answer: Twinkle, twinkle, little star,  
How I wonder what you are.  
Up above the world so high,  
Like a diamond in the sky.

**ECON 50.** Complete the statement by supplying the two missing words.

\_\_\_\_\_ allows people to decide what will be produced by voting with their dollars for the goods and services they want most.

Answer: Consumer sovereignty

**ECON 51.** Match each of the four terms to the appropriate descriptive phrase.

<u>Terms</u>	<u>Phrases</u>
1. capital goods	A. medical care, legal advice, rock band
2. economic services	B. Japan, Canada, United States
3. economic systems	C. shelves, cash register, counters
4. market economies	D. traditional, command, market

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

**SCI 52.** Which one of the following four structures is primarily responsible for the release of energy in the cell?

- \*a) mitochondria
- b) chloroplast
- c) endoplasmic reticulum
- d) Golgi apparatus

For the next five questions you will be given handout 7-1-5. Do not distribute or turn these over until you are instructed to do so.

**ENG 53.** What is the major seasonal factor affecting Polk's unemployment picture?

Answer: citrus hiring

**ECON 54.** Looking at the graph on your handout, name the five months when unemployment was lowest.

Answer: January, February, March, April, May

**ENG 55.** This is a two-part question. Read the sentence directly under the graph. Identify the dependent clause and tell what part of speech it is used as in the sentence.

Answer: Who are willing and able to go to work -- adjective.

**ENG** 56. List in order the three areas with the highest unemployment in September.

Answer: Lakeland, Winter Haven, Fort Pierce, Panama City

**GEO** 57. Of the five major unemployment areas, which three are located in Central Florida?

Answer: Ocala, Lakeland, Winter Haven

**ECON** 58. The three basic types of business organization are individual proprietorship, partnership, and corporation. True or False?

Answer: True

**ECON** 59. The government encourages price-fixing. True or False?

Answer: False

**ECON** 60. An area's decrease in joblessness could be caused by which one of these two factors, new jobs or lay-offs?

Answer: new jobs

**End of 15 point round.**

**Begin 30 point team question.**

**Read:** For this team question you will be given Handout 7-1-6 and 7-1-6a.

**Do not turn over 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 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 you work.**

Handout 7-1-5  
Team # \_\_\_\_\_

**Handout 7-1-6**

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

Refer to the poems on handout 7-1-6a to answer the following questions.

1. In what poetic form are these verses written? \_\_\_\_\_ (2 pts.)
  
2. Name the presidents who are the subjects of these verses. (2 pts. each)  
A. \_\_\_\_\_ B. \_\_\_\_\_  
C. \_\_\_\_\_ D. \_\_\_\_\_
  
3. List the presidents above in chronological order. (2 pts. each)  
1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_
  
4. Place the following events under the name of the president in question 3 who was in office at the time of occurrence. Use the letter that corresponds to the event. (2 pts. each)  
  
A. Louisiana Territory purchased.  
B. Battle between the Monitor and the Merrimac  
C. Cotton gin was invented.  
D. McCormick invented the reaping machine.  
E. Washington, D.C. was founded.  
F. Ohio become a state.  
G. Emancipation Proclamation issued.  
H. Bank of the United States dissolved.  
I. First two political parties formed in the United States.  
J. Bank of the United States established.  
K. Alexander Hamilton was killed by Aaron Burr.  
L. Battle of the Alamo was fought.

**Read answers:**

1. couplets
2. A. Abraham Lincoln  
B. George Washington  
C. Thomas Jefferson  
D. Andrew Jackson
3. A. George Washington  
B. Thomas Jefferson  
C. Andrew Jackson  
D. Abraham Lincoln
4. 

<u>Washington</u>	<u>Jefferson</u>	<u>Jackson</u>	<u>Lincoln</u>
C	A	H	B
E	F	D	G
I	K	L	
J			

**Announce scores from team question.**

**Teams should remain seated until final scores are computed.**

**Announce scores.**

**If scores are tied, have a two minutes break before beginning the tie breaker question. Only the teams whose score is tied will compete.**

**Tie Breaker Questions.**

- ECON** 1. The Federal government enacted antitrust laws for which one of the following three reasons?
- a) There was too much competition.
  - b) Corporations did not make enough profit.
  - \*c) It wanted to encourage competition.

- ECON** 2. Complete the statement by supplying the missing word.

A period of little or no growth in the GNP and high unemployment is referred to as a \_\_\_\_\_.

Answer: depression (accept recession)

