

**2010 Polk County 5<sup>th</sup> Grade E-Team**

**Introduce yourself. Have the team coaches introduce themselves and their team members. The two teams with the highest scores will compete in the semifinal round.**

**Begin 5-point question round.**

**ECON** 1. Identify the four-letter economic term defined in your glossary as a piece of metal stamped with a design and issued to the public to be used as money.

Answer: coin

**ECON** 2. Using the concept of goods and services, which one of the following four does not belong with the other three?

- \* 1. hairstyling
- 2. brush
- 3. scissors
- 4. blow dryer

**ENG** 3. Which one of the following four suffixes identifies the office currently held by Charlie Crist?

- 1. a-r
- \* 2. o-r
- 3. e-r
- 4. i-s-t

**ECON** 4. Identify the economic term from your glossary defined as selling our country's products to other nations.

Answer: export

**ECON** 5. Fill in the blank in the following sentence with the missing two-word economic term from your glossary.

Debbie likes to use her (blank), a purchase card that pays for a purchase by deducting the cost of the purchase directly from her bank account.

Answer: debit card

**ECON** 6. I will give you every other letter of an economic term from your glossary. Identify the term.

P\_I\_E

Answer: price

**SS** 7. Complete the following analogy with the missing world capital.

Athens is to Greece as Kabul is to (blank).

Answer: Afghanistan

**ECON** 8. I will give you every other letter of an economic term. Identify the term.

C\_M\_A\_E

Answer: compare

**ECON** 9. Give the name of the federal law passed by Congress to prohibit monopolies or conspiracies to monopolize.

Answer: (The) Sherman Anti-Trust Act

**ENG** 10. Identify the one word that would complete each of the following four terms or phrases.

(blank) up

double (blank)

(blank) mark

(blank) list

Answer: check

**ECON** 11. Reading the letters in the word demographics from right to left, what is the sixth letter?

Answer: a

**ECON** 12. Arrange the following four economic terms in alphabetical order.

limited resources, loss, land, liquidity

Answer: land, limited resources, liquidity, loss

**ECON** 13. Spell the six-letter economic term defined in your glossary as a fixed wage paid periodically for regular work.

Answer: s-a-l-a-r-y

**MATH** 14. Sean set his alarm clock to wake him up at 8:30 AM before going to sleep at 7:30 PM. How much sleep could Sean get before the alarm clock would wake him up?

Answer: 13 hours

**ECON** 15. Letter scramble. Unscramble the following eleven letters to form an economic term from your glossary. Identify the term.

T, B, S, O, I, D, R, T, I, U, R

Answer: distributor

**ECON** 16. Fill in the blank with the missing twelve-letter economic term from your glossary. Flour and sugar are (blank) goods purchased by the bakery industry and processed further into cookies and cakes.

Answer: intermediate

**ECON** 17. Identify the two-word synonym for the economic term interest meaning the cost of borrowing money.

Answer: carrying charge (accept: finance charge)

**SS** 18. Name the African-American scientist and inventor best known for his development of products that could be made of peanuts including one of our favorite lunch-time treats.

Answer: (George Washington) Carver

**ECON** 19. According to supply and demand, what would likely happen to the price of strawberries if a freeze damaged the majority of the crop?

Answer: The price would go up. (accept similar)

**ECON** 20. Letter scramble. Use all of the letters to form an economic term from your glossary. Identify the term.

T T U U P O

Answer: output

**End of 5-point question round.**

**Two-minute break. Coaches may consult team members and make substitutions.**

**Announce cumulative scores.**

**Conduct a button check.**

**Begin 10-point round.**

**SCI** 21. Match each of the four elements of the scientific process to its definition.

<u>Elements</u>	<u>Definitions</u>
A. observation	1. step by step directions
B. procedure	2. measurements or results collected
C. data	3. possible question to answer
D. hypothesis	4. use of your senses to gather information

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

**For the next question you will need this information. Carl is traveling on business. Carl keeps a journal of all the states he visits during his travels. In this journal, Carl lists each state he visits by its nickname first and adds the state name in parenthesis next to each entry. On this trip, Carl will visit the Empire State, the Tar Heel State and the Garden State.**

**SS** 22. Identify the three corresponding state names Carl will need to add to complete his journal entry for this trip.

Answer: New York, North Carolina, New Jersey (any order)

**ECON** 23. Unscramble the following nine letters to form an economic term from your glossary.

L, P, C, I, P, A, N, R, I

Answer: principal

**ECON** 24. You want to order a product from a company in Seattle, Washington, from your home in Polk County, Florida. If the company's normal business hours are 8:00 a.m. to 5:00 p.m., what are the hours during which you could reach the company by long distance telephone from your home?

Answer: 11:00 a.m. to 8:00 p.m.

**SS** 25. Identify the period in American history immediately following the Civil War in which the Confederate states that had seceded were brought back into the Union and our country began to rebuild.

Answer: Reconstruction (Era)

**GEOG** 26. Name the line of longitude located at 0° that passes through Greenwich, England, from which all distance east or west is measured.

Answer: (The) Prime Meridian (accept: Greenwich Meridian or International Meridian)

**ENG** 27. Complete the following analogy with the missing sentence type.

A sentence that makes a statement is to declarative as a sentence that tells someone to do something is to (blank).

Answer: imperative

**For the next three separate questions I will read a description. Identify each as being a land, labor, capital or management resource as it relates to the business known as Fannie's Floral Service.**

**ECON** 28. floral delivery truck

Answer: capital

**ECON** 29. floral delivery driver

Answer: labor

**ECON** 30. floral design supervisor

Answer: management

**ECON** 31. Fill in the blank with the missing three-word mathematical term. A (blank) is the highest number that divides exactly into two or more numbers.

Answer: greatest common factor

**For the next two questions you will use this information. While shopping for holiday gifts, Sara wanted to treat her friends to some fruit smoothies. Sara ordered two deluxe smoothies for \$3.25 each and three regular smoothies for \$2.75 each.**

**MATH** 32. With a sales tax of 7%, what would be Sara's total cost for the smoothies she purchased?

Answer: \$15.78

[Note:  $(\$3.25 \times 2 = \$6.50) + (\$2.75 \times 3 = \$8.25)$ ;  $(\$6.50 + \$8.25 = \$14.75 \times 1.07 = \$15.78)$ ]

**ECON** 33. Which one of the following four groups of coins would represent Sara's change if she paid for her purchase with three five dollar bills and a one dollar bill?

1. two Roosevelts, and one Lincoln
2. one Roosevelt, and two Lincolns
- \* 3. one Roosevelt, two Jeffersons, and two Lincolns
4. one Roosevelt, one Jefferson, and five Lincolns

(Note: \$.22 is her change; 1. \$.21; 2. \$.12; 3. \$.22; 4. \$.20)

**ECON** 34. Which two of the following three pairs of economic terms are synonymous?

- \* 1. alternative cost and opportunity cost
- 2. expense and income
- \* 3. durable and permanent

**ENG** 35. Match each of the four authors to his or her work of children's literature.

<u>Authors</u>	<u>Works of Literature</u>
A. Katherine Paterson	1. <i>Where the Wild Things Are</i>
B. Maurice Sendak	2. <i>Number the Stars</i>
C. Lois Lowry	3. <i>The Giving Tree</i>
D. Shel Silverstein	4. <i>Bridge to Terabithia</i>

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

**ECON 36.** Which one of the following four best describes Mrs. Reynolds who pays a housekeeper to help her clean?

1. a supplier of services
2. a producer of goods
- \*3. a purchaser of services
4. a consumer of goods

**ECON 37.** Which one of the following four is not a capital resource?

1. factories
2. machinery
3. buildings
- \* 4. acreage

**ECON 38.** Which two of the following four combinations of coins equal \$2.00?

1. 7 quarters and 2 dimes
  - \*2. 15 dimes and 10 nickels
  - \*3. 6 quarters, 2 dimes and 30 pennies
  4. 10 dimes, 6 nickels and 80 pennies
- (Note: 1. \$1.95; 4. \$2.10)

**For the next question you will need this information. Sam, Suzie, and Sally run a car washing business. When customers arrive, Sam scrapes the bugs from the front of the car, Suzie squirts the wheels and tires with cleaning solution, and Sally runs the car through the automatic car wash.**

**ECON 39.** Which one or ones of the following four economic terms describe this situation?

1. monopoly
- \* 2. division of labor
3. competition
- \* 4. specialization

**GEOG 40.** The Maniacs Snowboarding Club has received travel brochures for its winter trip. Which one or ones of the following four cities would not be considered for the trip?

- \* 1. Houston
2. Denver
3. Montpelier
- \* 4. Key West

**End of 10-point question round. Two-minute break.  
Coaches may consult their team members and make substitutions.**

**Announce cumulative scores. Conduct a button check.**

**Begin 15-point round.**

**ECON** 41. Match each of the four terms to the best one-word definition.

<u>Terms</u>	<u>One-Word Definitions</u>
A. budget	1. limited
B. quantity	2. ownership
C. scarce	3. amount
D. title	4. plan

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

**ECON** 42. Identify all three properties in the following sentence and classify each as either public or private.

Keisha rode her bike to the library and then to the convenience store on Tuesday afternoon.

Answer: bike – private; library – public; convenience store - private

**ECON** 43. This is a four-part question. Identify each of the following four as a criterion or an alternative if Rafael is using the PACED decision-making model when faced with what do to with the money he has earned raking leaves.

1. bank account deposit
2. parental approval
3. gift purchase
4. college fund investment

Answer: alternative, criterion, alternative, alternative (accept: criteria)

**ECON** 44. Supply the missing word to complete the following definition. A (blank) market is one in which there are many buyers and sellers, no barriers to entry, and a homogeneous product.

Answer: competitive (market)

**SS** 45. Match each of the following four products to the state where each is predominantly produced.

<u>Products</u>	<u>States</u>
A. potatoes	1. Idaho
B. corn	2. Iowa
C. apples	3. California
D. grapes	4. Michigan

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

**ECON** 46. Which one or ones of the following four terms would be located on a dictionary page with the guide words *credit* and *demand deposits*?

- \* 1. demand
- \* 2. criteria
- \* 3. credit card
- 4. deposit

**For each of the next three separate questions you are to answer good or service after deciding what each person provides. Each person is given in a two-word description.**

**ECON** 47. financial counselor

Answer: service

**ECON** 48. grocery cashier

Answer: service

**ECON** 49. citrus grower

Answer: good

**SCI** 50. Identify respectively each of the following three scientific terms beginning with the letter C.

1. basic unit of a living organism
2. temperature scale in which water boils at 100° and freezes at 0°
3. process of changing from a gas to a liquid

Answer: 1. cell; 2. Celsius; 3. condensation (accept: condense)

**ECON** 51. Fill in the blank in the following statement. The economic term synonymous for buying power is (blank) value of money.

Answer: real

**For the next three questions, you will need this information: In the village of Tango, the natives use a system of trade based on painted wooden tops. Two green tops can be traded for one brown top, and ten brown tops can be traded for one black top.**

**ECON** 52. Identify the six-letter economic term that can be used to describe Tango's system of trade.

Answer: barter

**MATH** 53. If a native had forty green tops in her collection, how many black tops would she receive if she traded in all of her green tops?

Answer: 2 (Note: 2 green = 1 brown; 40 green = 20 brown = 2 black)

**ECON 54.** If it requires fifty brown tops to trade for one Twistee Treat in Tango, then 6 Twistee Treats would require how many black tops?

Answer: 30

(Note: 10 brown = 1 black; 50 brown = 5 black; 300 brown = 30 black)

**ECON 55.** Unscramble the following letters to form a two-word economic term from your glossary.

First word: O, N, I, T, J

Second word: C, A, N, T, O, C, U

Answer: joint account

**ECON 56.** Which one of the following four terms describes the term FICA?

1. antonym
- \* 2. acronym
3. homonym
4. synonym

**ECON 57.** I will give you every other letter of a two-word economic term from your glossary. Identify the term.

First word: \_ I \_ C \_ L \_ R

Second word: \_ L \_ W

Answer: circular flow

**ECON 58.** Supply the missing word to complete the following definition:

A (blank) tax is a tax which increases with the income of the taxpayer.

Answer: progressive

**MATH 59.** Fill in the blank in the following sentence with a geometric term. Two or more lines in the same plane that do not intersect are known as (blank) lines.

Answer: parallel

**MS 60.** Compute the result of the following three-step problem.

Step 1. Begin with the number of vowels we accept in E-Team competitions.

Step 2. Multiply this number by the number of syllables in the economic term for a business that operates as a legal entity separate from its owners.

Step 3. Divide this product by the number of factors of production.

Answer: 5 (Note:  $5 \times 4 = 20$  divide by  $4 = 5$ ; corporation)

**End of the 15-point question round.**

**(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(s). Only those teams whose scores are tied will compete.)**

**Announce the two-minute break.**

**Begin tie-breaker question round. Conduct a button check. One point is awarded to the team who either answers the question correctly or has the other team miss the question.**

**Tie-breaker questions.**

**MS** 1. Identify the geographical term that can be used to describe Winter Haven or Lakeland that is contained in the spelling of the eight-letter economics term from your glossary defined as the condition of not being able to have all the goods and services that one wants.

Answer: city (Note: scarcity)

**ECON** 2. Identify the seven letter term from your glossary which is a business undertaking involving a chance or risk.

Answer: venture

**ECON** 3. What term does your glossary define as the amount of money one has in a bank account?

Answer: balance