

2009 Polk County 5th 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 economic term defined in your glossary as a plan for the use of time, money or resources.

Answer: budget

ECON 2. Unscramble the following letters to form an economic term from your glossary. Identify the term.

M, A, D, N, E, D

Answer: demand

ENG 3. Which one of the following four suffixes means “capable of being?”

1. o-u-s
2. f-u-l
- * 3. a-b-l-e
4. l-e-s-s

ECON 4. Identify the six-letter economic term from your glossary that could be used to describe the difference between the total revenue and total cost of a business.

Answer: profit

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

The (blank) (blank) is an arrangement in which a product is assembled by having each worker perform one specialized task as the product passes by on a moving conveyance.

Answer: assembly line

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

I _P_T

Answer: input

MATH 7. Fill in the blank with the missing geometry term. A (blank) triangle has two equal sides and two equal angles.

Answer: isosceles

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

Q _ A _ I _ Y

Answer: quality

ECON 9. Identify the federal law passed in 1890 by Congress to prohibit monopolies or conspiracies to monopolize.

Answer: (The) Sherman Anti-Trust Act

ENG 10. Complete the following analogy with the missing part of speech.

A word that describes a noun is to adjective as a word that describes an action is to (blank).

Answer: adverb

ECON 11. Reading the letters in the word management from right to left, what is the seventh letter?

Answer: a

ECON 12. I will give you every other letter of an economic term. Identify the term.

_ E _ L _ H

Answer: wealth

SCI 13. Spell the economic term defined in your glossary as the failure to pay a loan when the payment is due.

Answer: d-e-f-a-u-l-t

MATH 14. This is a two-part question and needs two answers. Create the least and greatest four-digit numbers from the digits 3, 9, 5 and 8.

Answer: 3589; 9853 (either order)

ECON 15. Letter scramble. Use all of the letters to form an economic term from your glossary.

N, E, R, Y, G, E

Answer: energy

ECON 16. Identify the economic term defined in your glossary as money received by households in return for the use of the resources they own.

Answer: income

ECON 17. Identify the 9-letter economic term from your glossary described in the following situation.

The Positive Charge Battery Company decided to inform their customers of an upcoming sale by using the local newspaper to list the sale price and praise the car batteries included in the sale.

Answer: advertise

SS 18. Name the American inventor of the modern machine made for separating the fibers of cotton from the seed.

Answer: (Eli) Whitney

ECON 19. Identify the economic term from your glossary defined as a supply of a product or products that a business has on hand.

Answer: inventory

ECON 20. Letter scramble. Use all of the letters to form a two-word economic term from your glossary. Identify the term.

First word: T, E, D, B, I

Second word: R, C, A, D

Answer: debit card

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. Which one or ones of the following four are forms of energy?

- * 1. chemical
- * 2. electrical
- * 3. thermal
- * 4. radiant

(source: *Scott Foresman Science*, p. B 86-87)

MATH 22. Calculate the total amount of money represented by the following coins described by the US presidents printed on them.

3 Washingtons; 7 Jeffersons; 4 Lincolns

Answer: \$1.14

(Note: $\$.25 \times 3 + \$.05 \times 7 + \$.01 \times 4 = \1.14)

SS 23. Identify the agreement written by the Pilgrims on their journey to the new world in November, 1620 which established laws to be used to govern the new settlement.

Answer: Mayflower Compact

ECON 24. I will give you every other letter of a two-word economic term from your glossary. Identify the term.

First word: _ E _

Second word: _ N _ O _ E

Answer: net income

ECON 25. Fill in the blank with the missing science term. The rate of change in speed or direction of movement is called (blank).

Answer: acceleration (Source: Scott Foresman Science, p. B59)

GEOG 26. Which two of the following three are characteristics of a physical map?

- * 1. shows identifiable landmarks such as mountains, rivers, lakes, oceans
- * 2. shows permanent geographic features
- 3. shows lines defining countries, states or territories

Answer: 1 and 2

SS 27. Complete the following analogy with the missing country.

Madrid is to Spain as London is to (blank).

Answer: England

For the next three separate questions you will use the following information. Raphael has reached his goal of saving \$500.00. Raphael needs to decide how to best use the money he has saved. For the next three questions, identify the statement as a criterion or an alternative if he uses the PACED decision making model.

ECON 28. Start his own business

Answer: alternative

ECON 29. Please his parents

Answer: criterion (accept: criteria)

ECON 30. Purchase a DVD player

Answer: alternative

ECON 31. Fill in the two blanks in the following sentence with the missing two-word economic term from your glossary.

My mother went online to check the (blank) (blank) on her credit card to see if it could be used to purchase a flat screen television.

Answer: available credit (accept: credit limit)

For the next two questions you will use this information. Chuck went shopping for video games. He purchased a new video game for \$5.98 and 2 video games from the sale table for \$1.59 each.

MATH 32. With a sales tax of 7%, what would be Chuck's total cost for the video games he purchased?

Answer: \$9.80

(Note: $\$5.98 + (\$1.59 \times 2) = \$9.16 + \$0.64 = \$9.80$)

ECON 33. Which one of the following four groups of coins would represent Chuck's change if he paid for his purchase with a ten dollar bill?

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

(Note: \$.20 is his change; 1. \$.21; 2. \$.12; 3. \$.19; 4. \$.20)

ECON 34. This is a four-part question and needs four answers. Identify each of the following four goods as being durable or non-durable.

1. lipstick
2. hairspray
3. tissues
4. perfume

Answer: 1. non-durable; 2. non-durable; 3. non-durable; 4. non-durable

ENG 35. This is a two-part question and needs two answers. Spell respectively the form of the homophone sent used in the following two sentences.

1. Frank saved every cent possible to purchase a DVD for his collection.
2. Frank sent his sister a CD for her birthday.

Answer: see above

ECON 36. Spell the economic term from your glossary defined as not wasteful, particularly of resources such as money.

Answer: e-c-o-n-o-m-i-c-a-l

ECON 37. Identify the one term from your glossary that is a synonym for the word alternatives.

Answer: choices

ECON 38. Which one or ones of the following four do not produce consumer goods?

- * 1. nurse
- * 2. police officer
- * 3. judge
- * 4. hairdresser

(Note: all provide services)

SCI 39. Complete the following analogy with the missing animal classification.

Snake is to reptile as bear is to (blank).

Answer: mammal

ECON 40. Unscramble the following seven letters to form an economic term from your glossary.

S, P, U, L, U, R, S

Answer: surplus

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.

ENG 41. Match each of the four prefixes to its definition.

| <u>Prefixes</u> | <u>Definitions</u> |
|-----------------|----------------------------|
| A. re | 1. badly, in the wrong way |
| B. mis | 2. not, opposite of |
| C. un | 3. again |
| D. pre | 4. before |

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

ECON 42. The value of a good or service stated in money terms is its price. True or false?

Answer: true

SCI 43. Fill in the blank in the following sentence with one of the four given choices: The phrase celestial spheres would most likely refer to (blank).

1. plants
2. heavenly music
- * 3. stars and planets
4. earthbound animals

ECON 44. I will give you every other letter of a two-word economic term from your glossary. Identify the term.

First word: _ A _ E _

Second word: _ A _

Answer: sales tax

SS 45. Match each of the following three historic Americans to his or her description.

| <u>Historic Americans</u> | <u>Descriptions</u> |
|---------------------------|--|
| A. Sacagawea | 1. appointed Lewis & Clark to find a water route across North America and explore the uncharted West |
| B. Thomas Jefferson | 2. guide and interpreter to Lewis & Clark |
| C. Zebulon Pike | 3. led expedition to find the source of the Mississippi river |

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

SCI 46. Which one or ones of the following four terms would be located on a science text book glossary page with the guide words *photosynthesis* and *proton*?

- * 1. physical
- 2. pathogen
- * 3. precipitation
- * 4. producer

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 Hal's Race Car Company.

ECON 47. pit crew chief

Answer: management

ECON 48. automotive mechanic

Answer: labor

ECON 49. replacement tires, and engines

Answer: capital

ECON 50. I will give you every other letter of a two-word economic term from your glossary. Identify the term.

First word: _ R _ D _ T

Second word: _ N _ O _

Answer: credit union

ECON 51. Fill in the blank in the following statement with the correct economic term from your glossary. Taxes paid by households and businesses to local governments on land and buildings are known as (blank) taxes.

Answer: property

For the next three questions, you will need this information: In an effort to promote the environment, a local business, Recycle Returns, has begun a new incentive program with a neighborhood grocery. The summary of the consumer program is as follows:

200 aluminum cans = \$5 gift card

100 plastic bottles = \$10 gift card

ECON 52. Match each of the four terms from the given information to the best synonym.

| <u>Terms</u> | <u>Synonyms</u> |
|----------------|-----------------|
| A. business | 1. surroundings |
| B. consumer | 2. influence |
| C. environment | 3. firm |
| D. incentive | 4. buyer |

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

MATH 53. Compute the minimum number of gift cards a consumer will receive for recycling 400 aluminum cans and 200 plastic bottles.

Answer: 3 (Note: 400 cans = two \$5 cards = one \$10 card; 200 plastic bottles = two \$10 cards; total 3 \$10 cards)

ECON 54. Determine the minimum number of plastic bottles and/or aluminum cans a consumer must recycle to receive \$100 in gift cards.

Answer: 1000 plastic bottles

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

First word: L, A, A, N, C, F, N, I, I
Second word: I, S, N, T, T, U, N, O, I, T, I

Answer: financial institution

ECON 56. Identify the two-word economic term from your glossary defined as a market in which there are many buyers and sellers, no barriers to entry and a homogeneous product.

Answer: competitive market

ECON 57. Identify respectively each of the following three economic glossary terms beginning with the letter I.

1. required payments of equal amounts, every month until the loan is paid in full
2. protection against the risk of a large loss
3. carrying charge or finance charge

Answer: 1. installment; 2. insurance; 3. interest

ECON 58. This is a two-part question and needs two answers.

Part 1: Identify the economic term defined in your glossary as the goods that someone wants to sell.

Part 2: Calculate the product of the number of vowels and the number of consonants in this economic term.

Answer: Part 1: merchandise
Part 2: 28 (4 vowels x 7 consonants)

MATH 59. Identify the four sided geometric shape defined as a quadrilateral with one pair of opposite sides parallel.

Answer: trapezoid

MS 60. Identify the five letter economic term from your glossary formed by combining the letter “e” with the US postal abbreviations for the states of Missouri and New York.

Answer: money (Note: Missouri – MO; New York – NY)

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. Multiply the greatest common factor of 14 and 21 by the number of syllables in the economic term which means selling our country’s products to other nations.

Answer: 14 (Note: GCF = 7; export = 2 syllables $7 \times 2 = 14$)

MS 2. Add the number of syllables in the economic term defined as property or money received from an estate or through a will to the product of the number of letters in the alphabet and the number of steps in the PACED decision making model.

Answer: 134
(Note: INHERITANCE; $26 \times 5 = 130 + 4 = 134$)

ECON 3. What term does your glossary define as a sum or percentage paid to an agent for his or her services?

Answer: commission