

1990 Polk County E-Team
7th Grade

Begin 5-point question round.

- MATH** 1. Which one of the following two is the better buy; a sixteen ounce package of glazed cherries for \$3.49 or an eight ounce package of glazed cherries for \$1.97?

Answer: 16 oz. for \$3.49 (accept: the first one)

- ECON** 2. Identify each of the following four items as either private or public property.

1. Commercial Bank
2. Collins City Library
3. Checker Cab Company
4. Municipal Bus System

Answer: 1. Private, 2. Public, 3. Private, 4. Public

- MATH** 3. Which one of the following four is the cube of one-third?

- A. $3/9$
- B. $3/27$
- *C. $1/27$
- D. $1/81$

- ECON** 4. How many syllables are in the economics word meaning a bookkeeping allowance made for the decrease in value of capital goods as they wear out or become obsolete?

Answer: 5 (depreciation)

- ENG** 5. Complete the following analogy using one of the four given choices:

Barter is to trade as puerile is to _____.

- A. clever
- *B. childish
- C. brittle
- D. costly

- MATH** 6. The elevator in Scholarly Junior High School has a capacity of 1200 pounds. If seven people with a total weight of 900 pounds are in the elevator, this is what percent of the capacity?

Answer: 75% ($900 \div 1200$)

- GEOG** 7. Which one of the following four is not a landform?

- *A. country
- B. continent
- C. island

D. isthmus

ECON 8. Which one of the following four is the largest source of tax receipts for the Federal government?

- A. inheritance
- B. excise
- *C. personal income
- D. corporate income

ECON 9. Arrange the following four economics terms as they would appear in a glossary:

- A. liability
- B. liquidity
- C. laissez-faire
- D. lender

Answer: C, D, A, B

SCI 10. Which one of the following four skeletal areas would a podiatrist most likely examine?

- A. spine
- B. pseudopod
- C. cranium
- *D. foot

ECON 11. Specialization leads to increased interdependence. True or false?

Answer: true

ECON 12. Letter scramble. Unscramble the following letters to form an economics term.

S, R, E, N, E, I, E, D, U, P, X, T

Answer: expenditures

ECON 13. Identify each of the following four goods as either a consumer good or a capital good.

- 1. a shopping cart at the Win Easy grocery store
- 2. a new home bought by the Johnsons
- 3. a hammer used by a carpenter
- 4. a gas grill on sale at Wesley's Backyard Shop

Answer: capital good, capital good, capital good, consumer good

SCI 14. Which one of the following four activities makes use of the smallest bones?

- A. running
- B. writing
- C. chewing
- *D. hearing

HIST 15. If this were the year 2000 A.D., how many years ago was the year 500 B.C.?

Answer: 2500

ECON 16. Which one of the following three statements is true?

- A. A shortage will occur at a price where the quantity demanded equals the quantity supplied.
- *B. A shortage will occur at a price where the quantity demanded exceeds the quantity supplied.
- C. A shortage will occur at a price where the quantity demanded is less than the quantity supplied.

ENG 17. Complete the following statement using one of the four given choices.

If you receive an emolument, you are:

- A. praised
- B. pitied
- C. promoted
- *D. paid

SCI 18. Which one of the following four does not belong with the other three?

- A. salamander
- *B. shark
- C. cocker spaniel
- D. rat snake

MATH 19. Complete the statement using one of the four given choices.

If one angle of a triangle equals the sum of the other two angles, the triangle must be a _____ triangle.

- *A. right
- B. obtuse
- C. equilateral
- D. scalene

HIST 20. Before the invention of the envelope, letters were simply folded and stapled. True or false?

Answer: false

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 distribute the handouts until you are instructed to do so. This team question is worth 10 points. Each blank is worth 1 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.

Read answers: (1 point each)

1. consumer
2. capital
3. exchange
4. land (4, 5, 6 can be listed in any order)
5. labor
6. capital
7. rent (7, 8, 9 can be listed in any order)
8. wages
9. interest
10. profit

Announce scores from team question.

Two-minute break.

Announce scores after the round.

Begin 10-point question round.

ECON 21. Letter scramble. Unscramble the following letters to form a two-word economics term.

First word: O, E, A, U, S, L, T, B
Second word: E, A, G, D, A, V, A, T, N

Answer: absolute advantage

Handout 7-1-1

Team # _____

Select a word from the list at the bottom of the page to complete the paragraph below.

Goods we consume directly are _____ goods. Goods we consume
(1)

indirectly, such as machinery and tools used to produce other things, are
_____ goods. Money is a medium of _____ which facilitates
(2) (3)

trade. Households provide _____, _____, and _____ to
(4) (5) (6)

businesses in exchange for _____, _____, and _____. An
(7) (8) (9)

entrepreneur gains _____ through using these resources to produce
(10)

goods or services.

profit
interest
wages
capital
exchange
land
consumer
labor
rent

ECON 22. Give the name of the continent which is made up of thirteen countries.

Answer: South America

ECON 23. Franceen lives in a free enterprise system. In which one or ones of the following three would you expect her government to be involved?

- *A. providing regulatory agencies
- *B. producing protective legislation
- *C. producing social goods

ECON 24. The largest source of revenue for local government is the excise tax. True or false?

Answer: false

ECON 25. Using the rule of 72, how many years will it take \$1,500 in a saving account paying 8% compound interest to grow to \$3,000?

Answer: 9

For the next question you will be given handout 7-1-2. Do not distribute these until you are instructed to do so.

ENG 26. Identify the occupants in three of the four dwellings from children's literature pictured on your handout.

- Answer:
- A. Snow White and the Seven Dwarfs
 - B. Rapunzel
 - C. Old Woman in the Shoe
 - D. Witch in "Hansel and Gretel"

ECON 27. Which one of the following four does anti-trust legislation passed by Congress attempt to reduce?

- A. international monopolies
- *B. power of monopolies
- C. international competition
- D. competition in industry

ECON 28. What two-word economics term means the value of the next best alternative sacrificed when making a choice?

Answer: opportunity cost

Handout 7-1-2

For the next two questions you will use the following information: Trixie Watt's monthly bills for electricity were \$102 for May; \$131 for June; \$149 for July; \$165 for August; and \$131 for September.

MATH 29. What was the mean cost of electricity for the months May through September?

Answer: \$135.60 ($678 \div 5$)

MATH 30. What was the median of the five electric bills?

Answer: \$131

ENG 31. Burying the hatchet means the same as knocking a chip off another's shoulder. True or false?

Answer: false

ECON 32. The law of diminishing marginal utility is explained in which one of the following four statements?

A. Increased output utilizes diminished margins.

B. Demand changes as prices change.

*C. We receive less pleasure from our tenth candy bar than we did from our first.

D. Utility determines price.

ECON 33. Spell the economics term meaning an industry or market containing only a few firms.

Answer: O-L-I-G-O-P-O-L-Y

For the next four questions you will be given handout 7-1-3. Do not distribute or turn these over until you are instructed to do so.

SCI 34. Identify this as a plant or animal cell.

Answer: plant

SCI 35. What cellular structures would you add to increase cellular respiration?

Answer: mitochondria

SCI 36. What cellular structures should be added to increase photosynthesis?

Answer: chloroplasts

SCI 37. What would happen to the size of the vacuole of this cell if it were placed in salt water?

Answer: It would shrink. (accept: similar response)

Handout 7-1-3

ECON 38. Fill in the blank with the missing word to complete the definition.

_____ income is the amount earned after taxes and social security are deducted.

Answer: Net

ECON 39. In which one of the following four sections of a geography textbook would you be most likely to find a list of subjects in alphabetical order?

- A. table of contents
- B. appendix
- C. preface
- *D. index

MATH 40. Susie Cook wants to use her favorite recipe to make candy. The recipe calls for 1_ cups of sugar and $\frac{3}{4}$ of a cup of boiling water. Susie has only one cup of sugar. How much boiling water should she use?

Answer: _ cup

End of 10-point round.

Begin 20-point team question.

Read: For this team question you will be given Handout 7-1-4.

Do not distribute the handouts until you are instructed to do so. This team question is worth 20 points. Each correction is worth 1 point.

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.

Handout 7-1-4

Team # _____

Find and correct the twenty errors on the business letter below.

420 S Central Ave.
Tampa, FL 33612
Febuary 30, 1989

Chamber Of Commerce
New Orleans, L.A. 70117

Gentlemen,

our Geography class is studying famous city of the south.

Please send me any pamphlets that you have on the history,
and points of interest in and around New orleans. Im
particularly interested in olde cemetaryies.

Thank You:

Sincerely Yours;

freddie Kruger

Read answers: (See corrected copy. One point for each correction made.)

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 15-point question round.

ECON 41. A drop in birth rates in the United States would cause baby food demand curves to shift to the right. True or false?

Answer: false

ENG 42. Complete the following analogy using one of the four given choices.

Profit is to loss as acquiescence is to:

- *A. opposition
- B. advocacy
- C. advice
- D. dishonesty

MATH 43. Willy Wicket needed \$3500 to refurnish the living room in white wicker. He borrowed the money and had to pay 10.5% simple interest for a period of four years. How much did he repay?

Answer: \$4970

ECON 44. Which one of the following four should be included in the definition of a market?

- *A. both buyers and sellers
- B. just buyers
- C. just sellers
- D. buyers, sellers and resources

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

MATH 45. Find the percent of increase to the nearest whole percent in the price of an evening movie.

Answer: 11%

MATH 46. Compute the cost of having the newspaper delivered to your home annually in 1989.

Answer: \$89.96

MATH 47. In June of 1989 Joyce traveled at an average rate of 48 miles per hour for 5 hours. If her car gets 24 miles per gallon of gasoline, what was Joyce's average cost for gasoline on this trip?

Answer: \$9.40

MATH 48. In 1988 Joe's Monday bowling league used nine lanes each week for six weeks. In 1989 the same league used seven lanes each week for eight weeks. If there were ten bowlers in the league each year, what was the average cost increase per person from 1988 to 1989?

Answer: \$.54

SCI 49. Which one of the following four functions primarily to connect the tibia to the femur?

- A. cartilage
- B. tendon
- C. muscle
- *D. ligament

ENG 50. Complete the following analogy using one of the four given choices:

Output is to product as surrogate is to

- A. aristocrat
- *B. substitute
- C. enthusiast
- D. appeal

ECON 51. What economic term refers to the efforts of two or more producers endeavoring to attract the business of a third party?

Answer: competition (accept: rivalry)

ECON 52. Which one of the following four have made the greatest use of the Mercator map?

- A. astronauts
- B. race car drivers
- *C. sailors
- D. railroad engineers

ENG 53. Which one of the following four is an antonym for lucrative?

- A. monetary
- B. fortunate
- C. influential
- *D. unprofitable

Handout 7-1-5

ECON 54. Unscramble each of the following four economic terms. Then use the second letter of each word to identify another economic term.

1. ncmcseioo (economics)
2. aeaoctrlll (collateral)
3. satess (assets)
4. ristke (strike)

Answer: cost

For the next three questions you will be given Handout 7-1-6. Do not distribute these until you are instructed to do so. (Pause) You may distribute these face up. You will now be given time to review the information.

MATH 55. This is a two-part question. Were more cars sold June of 1988 or June of 1989 and what is the approximate difference?

Answer: June 1988; about _ million or 500,000

MATH 56. To the nearest thousand, how many Toyota cars were sold in the United States in August of 1988?

Answer: 5,000

ECON 57. The first paragraph refers to the nation's Big Three automakers. Name these companies.

Answer: (any order) Ford Motor Co., General Motors Corp. and Chrysler Corp.

ENG 58. Which one of the following four days of the week was not named for a Norse god or goddess?

- A. Wednesday
- B. Thursday
- C. Friday
- *D. Saturday

ECON 59. Which one or ones of the following four are ways that the Federal government finances expenditures?

- A. sale of stock
- *B. sale of bonds
- *C. taxation
- *D. money creation

ENG 60. The family of spiders takes its scientific classification from the name of what nymph in Greek mythology who won a contest with Minerva?
SCI

Answer: Arachne

Handout 7-1-6

End of 15-point round.

Begin 30-point team question.

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

Do not distribute the handouts until you are instructed to do so. This team question is worth 30 points. Each blank is worth 2 points.

You will be given 5 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: (2 points for each blank - order in which the people are listed is not critical)

Randy Parton - Alaska - tour bus

Dolly Turner - California - earring

Tina Bon Jovi - Florida - sequined garment

Jon Travis - Paris - guitar

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.

Tie-breaker questions.

GEOG When it is noon in Lakeland, it is 7:00 a.m. in Cairo. True or false?

Answer: false (7:00 p.m.)

ENG Which one of the following four terms does not belong with the others?

- A. synonym
- *B. pseudonym
- C. homonym

D. antonym

Handout 7-1-7

Team # _____

WARNING: DO NOT MAKE ANY ASSUMPTIONS BEFORE READING ALL THE CLUES!

Randy, Dolly, Jon and Tina are discussing their Christmas gifts; a tour bus, a guitar, a sequined garment, and a diamond earring. Their last names are (in no particular order) Bon Jovi, Turner, Travis and Parton, and they spent Christmas in Alaska, Florida, California and Paris. Find their full names, their Christmas locations, and their gifts.

1. The person who received the earring was sorry not to get away from Los Angeles for Christmas, and she vowed to get away for Easter.
2. The girls enjoy comparing the tans they got during the holiday, so they try on their gifts.
3. Parton wishes he'd had his gift for the trip, since he hates to fly.
4. Bon Jovi found her gift a bit too warm for her Christmas appearance.
5. Tina asked Turner to come with her to take a spin in Randy's gift.
6. Travis enjoyed his first trip outside the country.

<u>First Name</u>	<u>Last Name</u>	<u>Christmas Location</u>	<u>Gift</u>
Randy	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

