

Polk County E-Team  
7th Grade

Begin 5-point question round

- ECON** 1. A regressive tax occurs when the percentage of tax paid decreases as income rises. True or False?

Answer: True

- HIST** 2. Which one of the following four resulted in the establishment of the Puritan settlement in the Massachusetts Bay Colony?

- \*a) political and religious policies of King Charles I
- b) ambitions of Dutch merchants
- c) flight of Huguenot families from France
- d) European demand for furs

- ENG** 3. Tell whether the following sentence is declarative, imperative, exclamatory or interrogative.

Did you know that Alexander Hamilton established the first national bank?

Answer: interrogative

- SCI** 4. Which one of the following four terms means "jointed foot"?

- a) pelecypod (pah-LES-ah-pod)
- b) gastropod (GAS-trah-pod)
- \*c) arthropod (AR-thrah-pod)
- d) cephalopod(SEF-ah-lah-pod)

- MATH** 5. You are ordering three items from the Ecoscience Supply House. The weight of each item is 4 kg, 26 kg, and 18 kg, respectively. The postage rate is twenty-two cents per kilogram. What will be the total postage for your order?

Answer: \$10.56

- COMP** 6. I have a virus, but I'm not sick.  
I have bugs, but I'm not infested.  
I have bytes and nibbles, but I don't eat.  
I'm often down, but I'm not depressed.

What am I?

Answer: a computer

- ECON** 7. Complete the following definition by supplying the three missing words. The \_\_\_\_\_ is calculated by adding the dollar value of all final goods and services produced in a year.

Answer: gross national product



Handout 7-2-1  
Team # \_\_\_\_\_

Use the map below to answer the following questions.

1. What was the predicted temperature range in Fort Worth, Texas on the day this map was generated?  
\_\_\_\_\_ (2 pts.)
2. From what direction is the wind blowing in Memphis? \_\_\_\_\_ (1 pt.)
3. From what direction is the wind blowing in Atlanta? \_\_\_\_\_ (2 pts.)
4. Name the type of front that extends from Canada to Memphis. \_\_\_\_\_  
\_\_\_\_\_ (1 pt.)
5. Snow flurries are falling in which state? \_\_\_\_\_ (1 pt.)
6. Which one of the following three factors explains the fact that Los Angeles has temperatures in the 70's and Las Vegas has temperatures in the 90's? (3 pts.)
  - a) Los Angeles is near the ocean
  - b) the latitude of Las Vegas
  - c) the altitude of Las Vegas

**Read answer:**

1. 80's (2 pts.)
2. the north (1 pt.)
3. the south (2 pts.)
4. cold front (1 pts.)
5. Minnesota (1 pt.)
6. A (3 pts.)

**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 10 point question round.**

**ECON 13.** This is a two-part question. Michael had his car serviced. His bill read as follows:

Oil and oil filter	\$ 9.00
1 oil filter plug	.90
Labor	<u>12.60</u>
Subtotal	\$22.50

First, what percent of the subtotal did Michael spend on goods; and second, what is the 6% sales tax he must pay on the subtotal?

Answer: 44% and \$1.35

**ECON 14.** Complete the statement by supplying the missing word.

When total expenses exceed total \_\_\_\_\_ the business suffers a loss.

Answer: revenue

**ECON 15.** Match each of the four terms to the appropriate descriptive phrase.

<u>Terms</u>	<u>Descriptive Phrases</u>
1. savings and loan associations	a) accepted for all private and public debts
2. legal tender	b) checking accounts
3. required reserves	c) insured by FSLIC
4. demand deposits	d) a percent of deposits banks must keep on hand

Answer: 1-c, 2-a, 3-d, 4-b

**ENG 16.** Identify the one word that would complete each of the following:

buying on \_\_\_\_\_ of error one-inch top \_\_\_\_\_

Answer: margin

**ECON 17.** According to mercantilism, which one of the following four should a world power do?

- a) not seek colonies
- b) seek only colonies rich in gold
- c) permit colonial self-government
- \*d) regulate colonies so as to enrich the mother country

**ECON 18.** Sophie and Solly earned \$30,000 in income last year. They paid \$6,000 in taxes, leaving them with \$24,000. In economic terms the \$24,000 is which of the following four?

- a) total personal income
- \*b) disposable personal income
- c) per capita income
- d) taxable income

**ECON 19.** Two-word letter scramble. Rearrange the given letters to form a two-word economic term.

First word: A, C, L, A, B, E, N

Second word: E, S, T, E, H

Answer: balance sheet

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

**ENG 20.** Which one of the examples on your handout is a limerick?

Answer: D (atomic courtesy)

**ENG 21.** Example F is written in which one of the following four verse forms?

- a) cinquain (sing-KANE)
- \*b) cleriheu (KLER-ah-hyoo)
- c) haiku
- d) ballad

**ENG 22.** Example B is which one of the following four?

- a) epigram
- b) cleriheu
- c) cinquain
- \*d) epitaph

**ENG 23.** Example A is written in which one of the following four verse forms?

- a) sonnet
- \*b) concrete poem
- c) ode
- d) epitaph

Handout 7-2-2

**ENG 24.** Example C is written in which one of the following four forms?

- a) couplets
- b) bland verse
- c) free verse
- \*d) stanzas

**MATH 25.** Mr. Moneybags has 6 grandchildren and has \$12 in change. He gave  $\frac{1}{6}$  of the money to the oldest child,  $\frac{1}{5}$  of what was left to the second oldest,  $\frac{1}{4}$  of what was left to the third oldest,  $\frac{1}{3}$  of what was left to the fourth oldest,  $\frac{1}{2}$  of what was then left to the fifth oldest, and the remaining amount to the youngest. How much did he give each child?

Answer: \$2.00

**ECON 26.** Complete the statement by supplying the missing word.

Alcoholic beverages, cigarettes, gasoline, firearms, and telephone service all carry a hidden tax called the \_\_\_\_\_ tax.

Answer: excise

**HIST 27.** Identify the American city associated with three of the following four economic developments in America.

- A. development of meat-packing industry
- B. meeting-place of the transcontinental railroad
- C. Comestock Lode greatly increased mineral development.
- D. Cattle kingdom produces major food resource.

Answer: A. Chicago  
B. Promontory Point  
C. Virginia City  
D. San Antonio  
(any three)

**ECON 28.** Complete the following definition by supplying the missing word.

A \_\_\_\_\_ schedule lists the various amounts of an item that sellers are willing to sell at various prices during a certain time period.

Answer: supply

**For the next four questions you will be given handout 7-2-3. Do not distribute or turn these over until you are instructed to do so.**

**GEO 29.** Johnny Jones of Nova Scotia wants to call his cousin in California. His cousin gets home from work at 7:30 p.m. At what time must Johnny phone him to reach him then?

Answer: 11:30 p.m.

**GEO 30.** Johnny's cousin called him back the next day at 11:00 p.m. What time did Johnny's phone ring in Nova Scotia?

Answer: 3:00 a.m.

**GEO 31.** Which one of the following four quantities describe how many states are cut into more than one time zone?

- a) less than four
- b) 10
- \*c) more than 10
- d) 6

**GEO 32.** Mary is in a state that is entirely within the Central time zone. If she travels due north she will reach a state that is within the Eastern time zone, except for one small corner. Name the states in which Mary began and completed her trip.

Answer: started in Alabama, ended in Indiana

**ECON 33.** When the percentage of income paid in taxes increases as income rises, the tax is said to be which one of the following four?

- a) beneficial
- b) proportional
- c) disproportionate
- \*d) progressive

**MATH 34.** Compute the sum of the following five numbers:

- yards in a mile
- years in one presidential term
- time zones in the continental U.S.
- branches of the U.S. government
- angles in a pentagon

Answer: 1776 (1760 + 4 + 4 + 3 + 5)

**ECON 35.** Complete the definition by supplying the two missing words.

Man-made products that are used for the production of other goods and services are \_\_\_\_\_.

Answer: capital goods or capital resources

**End of 10 point round.**

**Begin 20 point team question.**

**Read:** For this team question you will be given Handout 7-2-4 and 7-2-4a.

Do not turn over the handouts until you are instructed to do so. This team question is worth 20 points. Each question is worth 4 points.

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!**

Handout 7-2-3

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

Read answers:

1. 10
2. \$1.26
3. \$907.5 billion
4. A. cut subsidies to failing state industries  
B. raise new money for industry and agriculture by selling shares
5. stock market

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** 36. Which one of the following four statements best describes why the United States is predominantly a capitalist economic-system?

- a) There are no artificial restrictions on the economy.
- b) Adam Smith designed the economy.
- c) There is no government interference.
- \*d) Most businesses are privately owned and operated.

**ENG** 37. Listen to the following poem by Judith Viorst and identify the speaker.

He worshiped me.  
And he waited on me.  
And he fetched my golden ball.  
And he told me I was definitely  
The loveliest princess of all.  
And when he ate from my golden plate  
He practically fainted with joy.  
Oh, he was a very pleasant frog.  
He's a very conceited boy.

Answer: the princess who kissed the frog

**ART** 38. Give the name of the famous American architect who believed that a building should harmonize with its surroundings.

Answer: Frank Lloyd Wright

Handout 7-2-4

Handout 7-2-4a

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

1. Paragraph 5 of the article mentions the Soviet Union's \$790 billion budget. How many zeros are in the numerical form of this number? \_\_\_\_\_
2. The new Soviet budget is given in rubles and dollars. What is the value of the Soviet ruble compared to the American dollar? \_\_\_\_\_
3. If, as stated, the Soviet deficit is 4% of the country's domestic production, what is the value of the domestic production? \_\_\_\_\_
4. Identify the two measures Gostev plans to use for restoring a balanced budget.
  - A. \_\_\_\_\_  
\_\_\_\_\_
  - B. \_\_\_\_\_  
\_\_\_\_\_
5. What new financial institution will be formed in the Soviet Union if Gostev's plan is approved? \_\_\_\_\_

**MATH** 39. You will be read six monetary sayings. Compute the sum of money in United States currency represented.

"Brother, can you spare a dime?"	"Penny-wise, pound foolish."
	"A diller, a dollar, a ten-o'clock scholar."
"Not worth a plugged nickel."	"Put in my two cents worth."

Answer: \$1.18 (10¢ + 5¢ + 1¢ + \$1.00 + 2¢)

**GEO** 40. This is a two-part question. In the 1988 Summer Olympics, Anthony Nesty of Surinam won the gold medal in the 100-meter butterfly. Identify Surinam's continent and official language.

Answer: South America - Dutch

**SCI** 41. Match the four scientists to their contribution to science.

<u>Scientists</u>	<u>Contributions</u>
1. Marie Curie	A. electron orbits
2. Dmitri Mendeleev ( <u>Men-dye-LYA</u> -ef)	B. radium
3. Neils Behr (Bear)	C. atomic theory
4. John Dalton	D. periodic table

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

**ECON** 42. Letter scramble. Unscramble the following letters to form a two-word economic term.

First word: T, N, U, D, E, L, I, M, I

Second word: T, N, W, S, A

Answer: unlimited wants

**ENG** 43. Which one of the following four common words is not derived from a person's name?

- a) pasteurize
- b) quisling (KWIZ-ling)
- \*c) chivalry
- d) poinsettia

**GEO** 44. This is a two-part question. Both parts must be answered correctly to receive the 15 points. A businessman must visit four cities today. He leaves from the Orlando, Florida airport and travels first to Algiers, then to Lagos (LAY-gahs) on to Bogota and completes his trip in Ottawa. In order, name both the country he visited and the cardinal direction (N, S, E, or W) he traveled.

Answer: Algiers - Algeria - E  
Lagos - Nigeria - S  
Bogota - Colombia - W  
Ottawa - Canada - N

**ECON** 45. Letter scramble. Unscramble the following letters to form a two-word economic term.

First word: C, L, I, P, B, U  
Second word: O, R, S, T, C, E

Answer: public sector

**MATH** 46. Compute the result of the following three-step problem involving facts about Florida.

To the year Florida became a state,  
Add the number of counties.  
Divide by the number of U.S. Senators from Florida, and  
Subtract the number of letters in the name of the state bird.

Answer: 945  $(1845 + 67) \div 2 - 11$

**HIST** 47. Which one of the following four describes how the crusades helped to bring about the discovery of America?

- \*a) by stimulating European demand for goods of the east
- b) by encouraging the movement for a united Europe
- c) by reviving the power of the Catholic Church
- d) by encouraging Europeans to settle in the Middle East

**ECON** 48. If a scientist discovers a chemical that enriches the soil at a low cost and doubles the yield of wheat per acre, then the supply curve for wheat will shift to the right. True or False?

Answer: True

**SCI** 49. Match each of the following four scientists to his area of specialization.

<u>Scientists</u>	<u>Areas</u>
1. Carolus Linnaeus (li-NEE-ahs)	A. taxonomy
2. Louis Pasteur	B. genetics
3. Edward Jenner	C. sterilization of milk
4. Gregor Mendel	D. small pox

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

**BUS** 50. Use the given variable values to state the formula for finding the cash balance at the end of a fiscal period.

A = beginning balance                      C = total cash credits  
B = ending balance                         D = total cash debits

Answer:  $A - D + C = B$  or  $A + C - D = B$

**ECON** 51. Which one or ones of the following four inhibit free trade?

- \*a) boycott
- \*b) embargo
- \*c) tariff
- \*d) duties on imports

**ECON 52.** Complete the analogy.

Increased government spending is to demand-pull inflation as cost-of-living provisions are to \_\_\_\_\_ inflation.

Answer: wage-push or cost-push

**The next four questions concern the following numeration systems: binary, septenary, quaternary, decimal, quinary.**

**MATH 53.** The system that uses place values based on powers of ten.

Answer: decimal

**MATH 54.** The symbols used in the septenary system are all less than six. True or False?

Answer: False

**MATH 55.** Identify the system commonly called base five.

Answer: quinary system

**MATH 56.** Fill in the blank. On a far-off planet there lived people who had only four fingers. They, therefore, logically developed the \_\_\_\_\_ numeration system.

Answer: quaternary system

**ECON 57.** Which one of the following four describes generally why the demand curve for a given commodity slopes downward to the right?

- a) The equilibrium price is always shifting.
- \*b) The quantity demanded tends to fall as price rises.
- c) Consumer tastes and spending power are always in flux.
- d) Supply very rarely equals demand exactly.

**ECON 58.** In pure capitalism, property is privately owned. True or False?

Answer: True

**MATH 59.** Peggy has 14,000 miles on her 1987 car. Elizabeth has 9,000 miles on her 1988 car. Each car was purchased in January of its model year. Assuming that each woman maintains the same annual mileage rate, in what calendar year will Elizabeth's mileage surpass that of Peggy?

Answer: 1991

	<u>P</u>	<u>E</u>
87	7	0
88	14	9
89	21	18
90	28	27
91	35	36

**ECON 60.** Complete the statement by supplying the missing word.

A person without work but actively seeking work is considered \_\_\_\_\_.

Answer: unemployed

**End of 15 point round.**

**Begin 30 point round.**

**Read:** For this team question you will be given handouts 7-2-5 and 7-2-5a.

Do not turn over the handouts until you are instructed to do so. This team question is worth 30 points. Each question is worth 5 points.

You will be given 4 minutes. Please identify one handout as your team answer sheet in the upper left-hand 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.

**Read answers:**

1. D, B, C, A
2. B, B, A, B
3. B, B, A, B
4. B
5. D, A, C, B, A, A
6. C

**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 score is tied will compete.**

**Tie Breaker Questions.**

1. The United States has a mixed economy because all of the conditions for a pure market economy exist. True or False?

Answer: False

2. Mutt and Jeff balanced their books together. They found that the total cost for 12 wallydappers was \$72.00. What did each unit cost them to produce?

Answer: \$6.00

Handout 7-2-5  
Team # \_\_\_\_\_

Assume the earth has been divided into four equal sections. The horizontal slice is through the Equator and the vertical slice is from the Prime Meridian extending through the 180° longitude line. The two sections north of the Equator will be referred to as the northwest and northeast quadrospheres or A and B, respectively and the two sections south of the Equator as southwest and southeast quadrospheres or C and D respectively.

Handout 7-2-5a

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

For the following identify the quadrospherical sections A, B, C, or D that correctly answer the questions.

1. Identify in which section each of the following endangered species are native.

- banded hare wallaby \_\_\_\_\_
- wild yak \_\_\_\_\_
- indigo macaw \_\_\_\_\_
- San Joaquin Kit fox \_\_\_\_\_

2. Identify in which section each of the following currency exchanges would occur.

- rupees for afghani \_\_\_\_\_
- yuan for yen \_\_\_\_\_
- balboa for dollars \_\_\_\_\_
- krone for ostmark \_\_\_\_\_

3. In which section were each of the people born who contributed the following?

- formulated the Special Theory of Relativity and the photon theory of light \_\_\_\_\_
- invented dynamite \_\_\_\_\_
- authored A Connecticut Yankee in King Author's Court \_\_\_\_\_
- authored Workers of the World Unite \_\_\_\_\_

4. Which section has the greatest land mass? \_\_\_\_\_

5. Identify the section where the countries are located that lead in the following areas:

- production of wood \_\_\_\_\_
- production of corn \_\_\_\_\_
- production of cocoa beans \_\_\_\_\_
- production of rice \_\_\_\_\_
- production of citrus \_\_\_\_\_
- coal reserves \_\_\_\_\_

6. Assume a ship is traveling around the world from Japan and back to Japan. The ship is traveling west and follows this route:

Tokyo through the coastal area of Indonesia to Suez through the Strait of Gibraltar to Panama to Tokyo. In what quadrosphere did the ship not travel? \_\_\_\_\_

