

E-Team Questions  
7th Grade

**Begin 5-point questions**

1. Identify the boundary or imaginary line at which the high rugged Rocky Mountains separate rivers flowing east from those flowing west is called \_\_\_\_\_.

Answer: Continental Divide

2. List in sequence the following steps in problem solving, using the scientific method.

- A. Hypothesis
- B. Conclusion
- C. Statement of Problem
- D. Testing and Collecting Data

Answer: C, A, D, B

3. Two word scramble. Use all of the letters below to form an economics term.

LEERAFD VRERSEE

Answer: FEDERAL RESERVE

4. Is the following sentence simple, compound, or complex?

I took a walk early in the morning and was rewarded by the sight of a beautiful sunrise.

Answer: Simple

5. Last month Allison paid \$57.63 for gasoline, \$6.10 for oil, \$235.77 for a car payment, and \$32 for insurance. She drove 1,326 miles. What did it cost per mile for Allison to drive her car?

Answer: 25 cents per mile

6. Which one of the following four taxes is a progressive tax?

- a) cigarette tax
- b) sales tax
- c) estate tax
- \*d) income tax

7. Fill in the blank. An owl is to mouse as a predator is to \_\_\_\_\_.

Answer: prey

8. Which one of the following four is not an example of a non-renewable resource?

- a) water
- b) coal

- \*c) trees
- d) oil

9. Sam made 55 out of 60 on a math quiz. Convert his score to the nearest whole percent.

Answer: 92%

10. Unscramble the following words to form a well-known advertising slogan:

time, the, a, taste, for, it's, great, good

Answer: It's a good time for the great taste

11. Two word letter scramble. Use all of the letters to identify a low-lying area in Europe reclaimed from the sea by enclosing it with dikes and draining it with pumps.

First word: Rzuide

Second word: Eze

Answer: Zuider Zee

12. Which one of the following four sentences contains a direct object?

- \*a) I like him.
- b) You are my friend.
- c) He is happy.
- d) This apple tastes delicious.

**End of 5-point round**

**Begin 10-point team question**

Instructions: Give each team 4 copies of Handout 7-1-1

Read: Do not turn over the handouts until you are told to begin. This team question is worth 10 points. Each question is worth 2 points. You will be given 2 minutes. Identify one handout as a team answer sheet.

**Begin**

**2 minutes**

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

Answers: 1) competitive  
2) Amsterdam  
3) strait (channel)  
4) catalyst  
5) 7 runs

**Two minute break (substitutions)**

**Announce scores**

**Begin 10-point questions**

Handout 7-1-1

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

Fill in the missing words.

1. A \_\_\_\_\_ market is one in which there are many buyers and sellers, no barriers to entry, and a homogeneous product.
2. In The Diary of Anne Frank, the Frank family lived in the upper part of an office building in the city of \_\_\_\_\_.
3. An isthmus is to land as a \_\_\_\_\_ is to water.
4. Chlorophyll serves as a chemical \_\_\_\_\_ for photosynthesis.
5. Jane's baseball team scored 6 runs in its first game. In the games that followed, the team scored 7, 6, 9, 7, 10, 8, and 3 runs. What is the mean?

13. According to federal law, which one of the following four characteristics cannot be considered as a prerequisite for employment?

- a) appearance
- b) references
- c) experience
- \*d) gender

14. Joe earned \$37.80 mowing lawns last week. He spent \$1.35 on gas, \$.92 for a quart of motor oil, and \$6.20 to have the mower blade sharpened. What was his profit after expenses?

Answer:     \$29.33   (-1.35  
                      - .92     37.80  
                      -6.20    -8.47  
                      -8.47     29.33

15. Match the following four types of energy to their source:

| <u>Energy</u>    | <u>Source</u> |
|------------------|---------------|
| 1) solar         | a. atom       |
| 2) geothermal    | b. geyser     |
| 3) nuclear       | c. sun        |
| 4) hydroelectric | d. water      |

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

16. Identify the economic term which has these four non-economic meanings.

- a) a substance composed of two or more elements
- b) any fenced area or enclosure
- c) a sentence with one or more independent clauses
- d) a quantity expressed in more than one unit

Answer:   compound

17. If a company pays too little in taxes, the net income will be understated. True or False.

Answer:   False

18. What product do the following three persons have in common?

Jimmy Carter, George Washington Carver, Charles Shultz

Answer:   Peanuts

19. Which one or ones of the following five bills does not bear the picture of a U.S. President: \$1, \$5, \$10, \$20, \$100?

Answer: \$10, \$100

20. Give the total dollar value of the following collection of bills: 3 bills with Lincoln's picture on them, 5 with Jackson's, 2 with Hamilton's and 11 with Washington's.

Answer: \$146

21. Establish (in chronological order) the sequence of the terms of the former U.S. Presidents found on the \$1, \$5, \$20 and \$50 dollar bills.

Answer: Washington  
Lincoln  
Jackson  
Grant

22. DEMAND and DESIRE are antonyms. True or False.

Answer: False

23. Scientists hope to increase the world food supply in the future. One of the ways is to farm the seas. This farming is known as \_\_\_\_\_.

Answer: Aquaculture

24. A chemical substance secreted by an endocrine gland is a/an \_\_\_\_\_.

Answer: Hormone

25. Match the following four states with the appropriate nickname.

| <u>States</u>     | <u>Nicknames</u>   |
|-------------------|--------------------|
| 1. West Virginia  | a) Mountain State  |
| 2. South Dakota   | b) Coyote State    |
| 3. Maine          | c) Pine Tree State |
| 4. South Carolina | d) Swamp State     |

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

26. In building a barbecue pit, Sam's father found he had used 315 bricks by the time he had the job 35% completed. How many bricks will he need for the entire job?

Answer: 900 bricks  $\frac{315}{n} = \frac{35}{100}$

$$31500 = 35n$$
$$900 = n$$

27. Select the letters that should be capitalized in the following sentence and then unscramble them to form an economic term.

send the irish linen handkerchief to my sister, in care of dr. edison, p. o. box 1350, glidell, la.

Answer: S I D E S P O B L A = DISPOSABLE

28. Name the simple subjects of each of the following 3 sentences:

- a) Come here. (You)
- b) Here are the stars of the show. (stars)
- c) There are not many trees on that lot. (trees)

29. If you took a word that means not difficult and paired it with a term that is commonly used to refer to currency, you would have a phrase that refers to the result of an expansion of the money supply by the Federal Reserve Bank. What is this phrase?

Answer: Easy Money

30. Complete the analogy with one of the four given choices.

Central planners are to a command economy as an invisible hand is to a \_\_\_\_\_ economy.

- a) traditional
- \*b) market
- c) socialist
- d) communist

31. Simplify:

$(6a + 2) - (4 - 3a)$  [Read: the quantity 6a plus 2, minus the quantity 4 minus 3a]

Answer:  $9a - 2$

32. Compounds formed from long chains of amino acids are:

- a) starches
- \*b) proteins
- c) fats
- d) glucose

33. Which words in the following sentence should be capitalized?

When Mother and I were in New York last summer, we visited the stock market on Wall Street.

Answer: When, Mother, I, New York, Wall Street

1. Which one or ones of the following four is a function of the Federal Reserve System?

- \*a) to supply currency
- \*b) to serve as a fiscal agent
- \*c) to supervise commercial banks
- \*d) to provide a system for the collection of checks

35. Complete the analogy. Synonym is to thesaurus as map is to \_\_\_\_\_.

- a) almanac
- b) encyclopedia
- \*c) atlas
- d) dictionary

**End of 10-point round**

**Begin 20-point team question**

Instructions: Give each team four copies of Handout 7-1-2 (face down)

Read: Do not turn over the handout until you are told to begin. This team question is worth 20 points. You will be given 3 minutes. Identify one handout as a team sheet.

Begin

3 minutes

**S T O P** (Identify one handout as your team answer sheet and hold it up in the air.) The judges will correct your work.

- Answers:
- 1. 6 pts. (1 pt. each) (see corrected copy)
  - 2. 1 pt.
  - 3. 10 pt. (2 pts. each)
  - 4. 3 pts. (1 pt. each)

**Two minute break (substitutions)**

**Announce scores**

**Begin 15-point questions**

For each of the next five questions, choose one of the following nine economic terms.

substitute good, demand schedule, market equilibrium, law of supply, shortage, bar graph, law of demand, fixed cost, supply curve.

Set 1  
(1987-88)

Handout 7-1-2 (Answer Key)

N. W  
6425 n/ w/ilson Ave.  
Lakeland, FL 33801  
January 12, 1988

General Motors  
Department of p/ublic Relations  
Detroit, Michigan 60412

G

gg/entlemen:

Our ninth grade class is studying different occupations-----, and i/  
would like to do a report on engineers.

Please send me a copy of your pamphlet ----- entitled ----- "Can I Be  
An Engineer?"

If you have any other information that could be helpful to me/ please send  
that also.

Thank you for helping me with this report.

Sincerely/

John R/ Rudolph

Handout 7-1-2

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

6425 n wilson Ave.  
Lakeland, FL 33801  
January 12, 1988

General Motors  
Department of public Relations  
Detroit, Michigan 60412

gentlemen:

Our ninth grade class is studying different occupations and i would like to do a report on engineers.

Please send me a copy of your pamphlet entiteled "Can I Be An Engineer".

If you have any other information that could be helpful to me please send that also.

Thank you for helping me with this report

Sincerely

John R Rudolph

Edit the letter for the following omissions or errors:

1. 6 points (1 point each), four periods and two commas
2. 1 point, one question mark
3. 10 points (2 points each), five capitalization errors
4. 3 points (1 point each), three misspelled words

36. A table showing the quantity of an item demanded at different prices.

Answer: demand schedule

37. The amount supplied is less than the amount demanded.

Answer: shortage

38. A condition in which the quantity demanded equals the quantity supplied and there is no tendency for the price to change.

Answer: market equilibrium

39. A graph showing the quantity of the product supplied at different prices.

Answer: supply curve

40. Sellers will offer to sell more of a product if its price is high and less if its price is low.

Answer: law of supply

41. Match the following four cities with the appropriate nickname.

| <u>Cities</u>  | <u>Nicknames</u>                    |
|----------------|-------------------------------------|
| 1. Chicago, IL | a) Cigar Capital of America         |
| 2. Tampa, FL   | b) Biggest Little City in the World |
| 3. Reno, NV    | c) Motown                           |
| 4. Detroit, MI | d) Windy City                       |

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

42. A supermarket buys canned corn at \$3.55 for a dozen cans and sells them at a rate of 2 cans for 69 cents. What is the store's gross profit on the sale of 20 dozen cans?

Answer: \$11.80

43. Identify the five nouns in the following sentence:

Broader changes in the economy tend to limit the effects of a drop in stock prices.

Answer: changes  
economy  
effects  
drop  
prices

44. Hairlike structures on paramecia are:

- \*a) cilia
- b) flagella
- c) plasmodium
- d) vacuole

45. Bionic surgery is surgery done with the use of a microscope on tissues and individual cells. True or False.

Answer: False (Microsurgery)

46. Unscramble the following words to form a well known advertising slogan.

vine, I, the, it, grape, through, heard

Answer: I heard it through the grape vine.

47. Which one of the following four maps shows elevation as well as position of points, often in color and with contour lines?

- a) Mercator Projection
- b) Relief Map (Do not accept)
- \*c) Topographical Map
- d) Azimuthal Projection

48. Complete the following analogy with one of the four given choices:

Denouement is to resolution as mourning is to:

- a) gaiety
- b) friendship
- \*c) sorrow
- d) pity

49. Glen's Gladiola Farm plants gladiola bulbs and expects 4 out of 5 bulbs to produce marketable flowers. Of 24,000 bulbs, how many are not expected to produce marketable flowers?

Answer: 4,800                       $1/5$  of 24,000 = 4,800

50. Which one of the following four sentences would not have a comma?

- a) John, please do your work.
- \*b) John does his work and then sits quietly when he is finished.
- c) John, a friend of mine, is the next speaker.
- d) John went to the movies, and then he went to the dance.

51. When the U.S. Government publishes unemployment statistics, is this an example of positive or normative economics?

Answer: positive

52. Fill in the two blanks:

During periods of inflation, the value of money \_\_\_\_\_, and when prices fall, the value of money \_\_\_\_\_.

Answer: drops, rises (accept decreases, increases)

53. Which one or ones of the following three are included in GNP calculations?

- a) sale of stocks and bonds
- \*b) new automobiles
- c) welfare payments

54. Subtract

$$\begin{array}{r} 6 \text{ days } 10 \text{ hours } 20 \text{ minutes} \\ - 4 \text{ days } 18 \text{ hours } 42 \text{ minutes} \\ \hline \end{array}$$

Answer: 1 day 15 hours 38 minutes

55. Which one of the following four words describes a sales tax?

- a) illegal
- b) progressive
- c) proportional
- \*d) regressive

56. No oxygen is used in this process, but energy is produced. Name the process.

Answer: Anaerobic respiration or fermentation

57. Put the following four agricultural activities in chronological order by letter:

- a) retailing
- b) processing
- c) farming
- d) wholesaling

Answer: c, b, d, a

58. Fill in the blank with increases or decreases.

As interest rates decline, the appeal of savings and investment \_\_\_\_\_.

Answer: decreases

59. Factor:  $4a^2 - 16ab - 3a + 12b$

Answer:  $(4a-3)(a-4b)$

60. Which one of the following four correctly categorizes land, air, and water?

- \*a) natural resources
- b) human resources
- c) limited resources
- d) mineral resources

**End of 15-point round**

**Begin 30-point team question**

Instructions: Give each team four copies of Handout 7-1-3 (face down)

Read: Do not turn over the handout until you are told to begin. This team question is worth 30 points. Each question is worth 6 points each. You will be given 3 minutes. Identify one handout as a team answer sheet.

**Begin**

**3 minutes**

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

- Answer:
- 1. 4.6%
  - 2. 1.6%
  - 3. 463,000
  - 4. Blacks, Indians, and Orientals
  - 5. White males

Tie breaker (Two minute break if a tie breaker is needed.)

1. Complete the following analogy:

Securities is to stocks and bonds as \_\_\_\_\_ is to coins and bills.

Answer: currency

2. Unscramble the given letters to form an economic term:

A N H I C Z E A T M N O I

Answer: mechanization

Handout 7-1-3

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

These five questions refer to the graph above.

1. How many more white females were working in the total work force in 1980 than in 1970?
2. What is the increase in Blacks, Indians, and Orientals in the managerial force from 1970 to 1980?
3. If there were 1,000 people in the total work force, how many were white males in 1970?
4. In the managerial force, which group grew the most from 1970 to 1980?
5. In both total work force and the managerial force, what group decreased?

Answer: 1.  
2.  
3.  
4.  
5.

Set 1  
(1987-88)