

## HOW'S YOUR ENERGY IQ?

Energy conservation is not something the government or industry can accomplish — it takes a willingness on the part of all people. Energy awareness is the first step. Test your energy awareness by answering the following questions provided through the courtesy of the **Illinois Rural Electric News**. Answers in next issue.

1. What percentage of the total gas used in cooking is used by the pilot light?  
a. 5%                      b. 30%                      c. 50%
2. How long would a 100-watt bulb burn on the energy used to manufacture one aluminum soft drink can?  
a. under 10 minutes    b. five hours              c. over 20 hours
3. How much energy stored in crude petroleum is lost in the series of processes between the oil well and a moving car?  
a. 20%                      b. 60%                      c. 90%
4. How much of the energy stored in coal which is burned in a power plant can be delivered to the customer's home as electricity?  
a. 1/3                        b. 2/3                        c. all of it
5. The total amount of electricity used by all small appliances, including radios, toasters, clocks, shavers, and so forth, is what percentage of the total amount of electricity used in our homes?  
a. 10%                      b. 30%                      c. 75%
6. The amount of energy used in the manufacturing, distribution, and operation of automobiles in this country makes up what percentage of total energy use?  
a. 16%                      b. 30%                      c. two %
7. The United States, with six percent of the world's population, consumes what percentage of the world's available energy each year?  
a. 10%                      b. 20%                      c. 30%
8. The average North American family uses how many times more energy than the average South American family?  
a. five times more        b. about the same  
c. 100 times more
9. What percentage of commuters use a private automobile for transportation to and from work?  
a. 25%                      b. 50%                      c. 95%
10. How much energy does it take to supply processed vegetables rather than natural vegetables?  
a. same amount            b. twice as much  
c. three times as much
11. What percentage of our petroleum is used for making synthetic fabrics, plastics, and medicines?  
a. 50%                      b. 10%                      c. one %
12. Which is a more energy efficient mode of transportation:  
walking    riding a bicycle?
13. True or false: The energy consumed in all sectors of the

economy to put a glass of milk on the kitchen table is equivalent to that contained in a half a glass of diesel fuel.

True    False

14. How many years did it take nature to make a pound of coal?  
a. 100 years                      b. 1,000 years  
c. 1,000,000 years
  15. Over the lifetime of a refrigerator, what percentage of its total costs, including those of buying it, maintaining it, and operating it are due to energy costs?  
a. 10%                      b. 25%                      c. 60%
  16. Of the solar energy coming to the earth, on the average, what percentage is used by plants to produce food energy for animals?  
a. 50%                      b. 20%                      c. one %
  17. A returnable bottle is reused how many times?  
a. two times                      b. six times                      c. eleven times
  18. If the underdeveloped parts of the world were to consume as much energy per person as North Americans do today, the worldwide level of energy consumption would be roughly how many times its present figure?  
a. five times                      b. ten times                      c. fifteen times
  19. While beverage consumption rose 1.6 times between 1958 and 1970, beverage container consumption rose how many times during the same period?  
a. the same                      b. twice as much  
c. almost three times as much
  20. In the United States, what percentage of our energy comes from non-renewable fossil fuel reserves?  
a. 50%                      b. 75%                      c. 98%
  21. What percentage of energy do we get as visible light from an ordinary 100-watt incandescent light bulb?  
a. 90%                      b. 35%                      c. five %
  22. What percentage of energy do we get as visible light from a typical fluorescent lamp?  
a. 90%                      b. 40%                      c. 20%
  23. What percentage of total U.S. energy consumption is used in food processing?  
a. one %                      b. four %                      c. 15%
- Illinois Farm Bureau**
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- FOR SALE**
- F-10, 1967 Tractor without cutting units; Meyers plow and sub-frame attachment - \$6200 or best offer (tractor is in very good condition).  
1 - 5 gang Blitzer unit and frames; needs reels and bed knives - \$1000 or best offer.  
1973 Toro Greensmaster III; good condition - \$1700 or best offer.  
1970 Bantam sodmaster, 18" blade kit; good condition - \$500 or best offer.  
Interested parties should contact: Steve Biggers, Woodmar C.C. Phone (219) 844-0330, ext. 49.